High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2024	E754	Brazil	800	42.000	3	Chlor-alkali
2023	E753	Indonesia	315	96.000	3	Chlor-alkali
2023	E752	Malaysia	360	32.400	1	Chemical Plant
2023	E751	Canada	275	25.000	1	Copper
2023	E750	South Korea	150	42.000	2	Zinc
2023	E749	Turkey	50	26.000	1	Copper
2023	E748	Canada	301	120.000	1	Chemical Plant
2023	E747	Italy	290	5.000	1	Hydrogen
2023	E746	Turkey	90	20.000	1	Copper
2023	E745	USA	220	90.000	2	Graphite
2023	E744	Switzerland	350	110.000	1	Graphite
2023	E743	France	527	4.600	1	Hydrogen
2023	E742	State of Israel	707	3.112	1	Hydrogen
2023	E741	Jordan	205	14.000	1	Chlor-alkali
2023	E740	Kazakhstan	120	32.000	2	Copper
2023	E739	France	527	4.600	1	Hydrogen
2023	E738	Morocco	200	22.000	1	Chlor-alkali
2023	E737	Peru	715	36.000	1	Chlor-alkali
2023	E736	Finland	275	62.500	2	Chlorate
2023	E735	Saudi Arabia	190	6.200	4	Hypochlorite
2022	E734	Indonesia	320	68.000	1	Chlor-alkali
2022	E732	Brazil	250	15.500	2	Chlor-alkali
2022	E731	Morocco	450	32.640	1	Chlor-alkali
2022	E728	Brazil	675	68.544	1	Hydrogen
2022	E727	France	620	16.500	6	Chlor-alkali
2022	E726	Ukraine	810	33.560	1	DC Arc Furnace
2022	E725	Norway	605	40.000	3	Chemical Plant
2022	E724	Netherlands	675	69.000	5	Hydrogen
2022	E723	Germany	520	40.000	1	Chlor-alkali
2022	E722	Spain	100	4.500	2	Hypochlorite
2022	E721	Poland	900	5.000	2	DC Arc Furnace
2022	E720	Indonesia	200	5.200	1	DC Arc Furnace
2022	E719	Congo	145	68.000	1	Copper
2022	E718	Egypt	465	34.000	1	Chlor-alkali
2022	E717	Australia	250	21.000	1	Chlor-alkali
2022	E716	Australia	140	56000	1	Chlor-alkali
2021	E715	United Kindom	707	3.112	6	Hydrogen
2021	E714	Russia	150	44.000	2	Copper
2021	E713	United Kindom	707	3.112	2	Hydrogen
2021	E712	Peru	165	23.958	4	Copper
2021	E711	Russia	116	44.000	3	Copper
2021	E710	Finland	450	23.000	1	DC Arc Furnace
2021	E709	China	200	120.000	1	Nickel
2021	E708	Australia	140	56.000	1	Chlor-alkali
2021	E707	USA	220	180.000	1	Graphite
2021	E706	China	340	46.000	1	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2021	E705	USA	220	170.000	1	Graphite
2021	E704	Indonesia	125	600	1	Chemical plant
2021	E703	Ivory Coast	150	18.000	1	Chlor-alkali
2021	E702	Germany	760	3.300	12	Hydrogen
2021	E701	Canada	1120	22.000	1	Aluminium
2021	E700	USA	380	20.000	3	Chemical plant
2021	E699	Japan	14	17.000	1	Chlor-alkali
2021	E698	Turkey	154	21.000	1	Chlor-alkali
2021	E697	Pakistan	366	36.000	1	Chlor-alkali
2020	E696	Russia	240	110.000	2	Zinc
2020	E694	Canada	510	80.000	1	Zinc
2020	E693	Italy	300	118000	1	Zinc
2020	E692	Saudi Arabia	180	3000	3	Hypochlorite
2020	E690	South Korea	90	50.000	4	Copper
2020	E689	Finland	770	20.000	1	Zinc
2020	E688	Finland	770	20.000	1	Zinc
2020	E686	Norway	200	55.000	1	Copper
2020	E685	Portugal	250	60.000	1	Chlor-alkali
2020	E684	State of Israel	400	50	2	Chlor-alkali
2020	E683	Saudi Arabia	140	17.000	1	Chlor-alkali
2020	E682	Indonesia	387	70	1	Chemical Plant
2020	E681	Norway	300	21.000	1	Chlor-alkali
2020	E680	Finland	235	50.000	1	Chlor-alkali
2019	E679	Canada	110	45.000	1	Graphite
2019	E678	Spain	200	35.000	2	Chlor-alkali
2019	E677	Indonesia	376	20.000	2	Chlor-alkali
2019	E676	Indonesia	376	20.000	2	Chlor-alkali
2019	E675	France	325	50.000	1	Chlor-alkali
2019	E674	Russia	300	34.800	2	Copper
2019	E673	Kuwait	140	15.000	6	Hypochlorite
2019	E672	Switzerland	350	110.000	1	Graphite
2019	E671	Russia	116	44.000	3	Copper
2019	E670	Indonesia	125	600	1	Chemical Plant
2019	E669	South Korea	160	16.000	2	Cadmium
2019	E668	Brazil	240	5.000	1	Chlor-alkali
2019	E667	Indonesia	610	16.500	3	Chlor-alkali
2019	E666	Italy	680	17000	2	Chlor-alkali
2019	E665	France	220	125.000	1	Graphite
2019	E664	Vietnam	520	20.000	1	Chemical Plant
2019	E663	Saudi Arabia	750	480	2	Traction
2019	E662	Finland	235	50.000	1	Chlor-alkali
2019	E661	Finland	770	40.000	1	Zinc
2019	E660	Poland	160	130.000	2	Graphite
2019	E659	Egypt	575	15.000	1	Chlor-alkali
2019	E658	Chile	320	50.000	1	Chlor-alkali
2019	E657	Brazil	120	4.500	3	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2019	E656	USA	685	25.000	1	Chlor-alkali
2018	E655	Malaysia	202	4.820	2	Hypochlorite
2018	E654	Algeria	260	22.000	1	Chlor-alkali
2018	E653	Portugal	240	1.200	3	Chlor-alkali
2018	E652	Spain	100	4.300	1	Chlor-alkali
2018	E651	Spain	340	70.000	1	Chemical Plant
2018	E650	Norway	580	25.000	1	Nickel
2018	E649	Indonesia	125	600	1	Chemical plant
2018	E648	Saudi Arabia	80	30.000	1	Aluminium
2018	E647	Morocco	335	21.000	1	Chlor-alkali
2018	E646	Canada	600	24.000	2	Chemical plant
2018	E644	South Korea	590	18.000	1	Chlor-alkali
2018	E643	Pakistan	560	17.000	1	Chemical plant
2018	E642	Peru	171	30.000	1	Chlor-alkali
2018	E640	Ecuador	158	17.400	1	Chlor-alkali
2018	E639	Singapore	203	500	1	Chemical plant
2018	E638	Kuwait	415	20.000	1	Chemical plant
2018	E637	Finland	770	20.000	2	Zinc
2018	E636	Egypt	335	23.000	4	Chlor-alkali
2018	E635	Congo	97	68.000	1	Copper
2018	E634	Canada	1120	22.000	12	Aluminium
2018	E633	Indonesia	125	600	1	Chemical plant
2017	E632	Spain	680	17.000	2	Chlor-alkali
2017	E631	Spain	570	52.000	1	Chlor-alkali
2017	E630	Turkey	450	24.000	1	DC Arc Furnace
2017	E628	Indonesia	320	68.000	1	Chlor-alkali
2017	E627	Sweden	230	35.000	1	Copper
2017	E625	Indonesia	250	750	1	Chemical Plant
2017	E624	Italy	410	24000	1	Chlor-alkali
2017	E623	United Arab Emirates	196	2800	2	Hypochlorite
2017	E622	Chile	265	5.000	2	Copper
2017	E621	Brazil	50	18.000	1	Copper
2017	E620	Italy	180	3500	1	Chemical Plant
2017	E619	Algeria	420	18.700	1	Chlor-alkali
2017	E618	Germany	87	2.500	1	Hydrogen
2017	E617	Mexico	263	20.000	1	Chlor-alkali
2017	E616	Canada	510	80.000	1	Zinc
2017	E615	Brazil	86	4.300	1	Chlor-alkali
2017	E614	Germany	110	30.000	1	Aluminium
2017	E613	Saudi Arabia	190	6.200	1	Hypochlorite
2017	E612	Algeria	325	18.000	1	Chlor-alkali
2017	E611	Argentina	240	4.500	1	Hypochlorite
2017	E610	USA	346	17.400	2	Chlor-alkali
2016	E608	Germany	68	32.700	1	Hydrogen
2016	E606	France	220	125.000	1	Graphite
2016	E605	Turkey	550	36.000	2	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2016	E604	Hungary	630	36.000	4	Chemical Plant
2016	E603	Spain	570	52.000	1	Chlor-alkali
2016	E602	Spain	370	18.000	1	Chlor-alkali
2016	E601	Pakistan	560	14.000	1	Chlor-alkali
2016	E600	Spain	360	20.000	2	Chlor-alkali
2016	E598	Turkey	31	23.100	1	Copper
2016	E596	Morocco	190	6.000	3	Hypochlorite
2016	E594	France	420	16.500	2	Chlor-alkali
2015	E592	Oman	63	30.000	1	Aluminium
2015	E590	Spain	140	6.000	1	Hypochlorite
2015	E589	Finland	300	60.000	2	Chemical Plant
2015	E588	Egypt	345	34.000	2	Chlor-alkali
2015	E587	Tunisia	100	20.000	1	Chlor-alkali
2015	E586	Belgium	120	36.000	1	Copper
2015	E585	Saudi Arabia	110	5.000	4	Chemical plant
2015	E583	Qatar	80	4.350	2	Hypochlorite
2015	E581	Sweden	483	92.000	1	Chlorate
2015	E580	Spain	100	4.300	2	Hypochlorite
2015	E578	Spain	320	22.000	2	Chlor-alkali
2015	E576	United Arab Emirates	200	4.200	3	Hypochlorite
2015	E575	Morocco	185	3.200	2	Hypochlorite
2015	E574	Canada	510	80.000	2	Zinc
2015	E573	India	350	33.000	1	Chlor-alkali
2015	E572	Turkey	200	120.000	2	Graphite
2014	E571	Indonesia	224	77.500	1	Chlor-alkali
2014	E569	Tunisia	165	20.000	1	Chlor-alkali
2014	E568	Italy	410	15400	1	Chlor-alkali
2014	E567	Algeria	168	16.200	1	Chlor-alkali
2014	E566	Brazil	230	60.000	2	Chlor-alkali
2014	E564	State of Israel	180	21.000	2	Copper
2014	E563	Indonesia	386	16.500	2	Chlor-alkali
2014	E562	Australia	460	14.500	1	Chlor-alkali
2014	E561	Morocco	185	3.200	2	Hypochlorite
2014	E559	Italy	686	20000	1	Chlor-alkali
2014	E558	Colombia	620	20.000	1	Chlor-alkali
2014	E557	Norway	5	22.500	2	Copper
2014	E556	Greece	175	20000	1	Chlor-alkali
2014	E555	Indonesia	66	56.000	1	Chlor-alkali
2014	E554	Norway	450	15000	1	Aluminium
2014	E552	Qatar	200	20.000	2	Chlor-alkali
2014	E551	United Arab Emirates	200	20.000	2	Chlor-alkali
2014	E550	Kuwait	206	2.400	3	Hypochlorite
2014	E549	Lybia	18	1.900	1	Hydrogen
2014	E548	Iran	200	23.040	4	Copper
2014	E547	Austria	330	36000	1	Chlor-alkali
2014	E546	Iran	500	16.000	1	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2014	E545	South Korea	200	20.000	1	Zinc
2013	E544	South Korea	350	20.000	2	Zinc
2013	E543	Brazil	310	15.300	1	Chlor-alkali
2013	E541	Saudi Arabia	205	6.000	5	Hypochlorite
2013	E540	China	250	6.000	1	DC Arc Furnace
2013	E539	Brazil	171	75.000	4	Chlor-alkali
2013	E537	India	450	16.500	3	Chlor-alkali
2013	E536	Jordan	340	17.000	1	Chlor-alkali
2013	E535	Belgium	3300	1700	1	Plasma Torch
2013	E534	Peru	176	12.000	1	Hypochlorite
2013	E533	Brazil	86	4.300	3	Chlor-alkali
2013	E532	Saudi Arabia	490	9.700	4	Hypochlorite
2013	E531	USA	476	34.800	2	Chlor-alkali
2013	E530	Mexico	410	17.140	2	Chlor-alkali
2013	E529	South Korea	50	35.000	1	Copper
2013	E528	Qatar	265	1.450	2	Hypochlorite
2013	E527	Taiwan	140	3.600	7	Hypochlorite
2013	E526	Malaysia	370	13.500	1	Chlor-alkali
2013	E525	South Korea	110	35.000	1	Copper
2013	E524	USA	308	20.000	1	Chlor-alkali
2013	E523	Lybia	160	7.000	2	Hypochlorite
2012	E521	Russia	550	36000	1	Chlor-alkali
2012	E520	Belarus	245	16500	1	Chlor-alkali
2012	E519	Germany	633	35400	4	Chlor-alkali
2012	E518	Japan	230	1.800	2	Hypochlorite
2012	E516	South Korea	590	19.000	5	Chlor-alkali
2012	E515	United Arab Emirates	290	4.500	3	Hypochlorite
2012	E514	South Korea	90	10.000	1	Silver
2012	E513	Philipines	200	1.900	3	Hypochlorite
2012	E511	Malaysia	432	13.000	1	Chlor-alkali
2012	E510	Egypt	185	4.300	7	Hypochlorite
2012	E509	South Korea	40	1.200	1	Cadmium
2011	E508	Spain	250	23000	2	Chlor-alkali
2011	E507	Malaysia	650	17.000	1	Chlor-alkali
2011	E506	Saudi Arabia	140	4.300	7	Hypochlorite
2011	E505	USA	586	16.000	1	Chlor-alkali
2011	E504	Peru	650	35.000	1	Chlor-alkali
2011	E503	Japan	410	9.300	5	Hypochlorite
2011	E502	Japan	160	7.000	4	Hypochlorite
2011	E501	Taiwan	340	46.000	1	Chlor-alkali
2011	E500	Tunisia	150	15.000	1	Chlor-alkali
2011	E499	Austria	320	15000	1	Chlor-alkali
2011	E497	Egypt	155	15.000	3	Hypochlorite
2011	E496	Algeria	400	17.500	1	Chlor-alkali
2011	E495	Germany	320	18000	1	Chlor-alkali
2011	E493	Colombia	440	32.600	1	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2011	E492	Italy	300	118000	2	Zinc
2011	E491	India	600	16.500	1	Chlor-alkali
2010	E488	Saudi Arabia	175	15.500	4	Hypochlorite
2010	E487	Saudi Arabia	180	3.400	2	Hypochlorite
2010	E486	Indonesia	565	34.000	1	Chlor-alkali
2010	E485	Turkey	590	18500	1	Chlor-alkali
2010	E484	Egypt	150	16.500	2	Hypochlorite
2010	E483	Taiwan	340	46.000	1	Chlor-alkali
2010	E482	Saudi Arabia	95	4.200	3	Hypochlorite
2010	E481	Saudi Arabia	110	5.500	1	Hypochlorite
2010	E480	South Korea	500	13.000	1	Zinc
2010	E479	Malaysia	650	17.000	1	Chlor-alkali
2009	E477	India	500	35.000	1	Chlor-alkali
2009	E475	Algeria	440	18.700	1	Chlor-alkali
2009	E474	Russia	225	16500	2	Chlor-alkali
2009	E473	South Korea	140	6.000	1	Copper
2008	E476	Saudi Arabia	135	12.500	3	Hypochlorite
2008	E471	Malaysia	650	17.000	1	Chlor-alkali
2008	E469	South Korea	300	40.000	1	Zinc
2008	E468	Russia	1.000	22.000	1	DC Arc Furnace
2008	E466	South Korea	430	125.000	2	Zinc
2008	E461	Algeria	135	2.650	1	Chlor-alkali
2008	E454	New Caledonia	120	2.000	1	Chlor-alkali
2008	E452	Russia	300	16.000	2	Chlor-alkali
2008	E451	Australia	506	17.400	1	Chlor-alkali
2007	E449	Tobago	584	17.400	4	Chlor-alkali
2007	E447	France	70	135.000	5	Zinc
2007	E446	Peru	360	120.000	2	Copper
2007	E443	USA	475	17.400	2	Chlor-alkali
2007	E442	Colombia	440	32.600	1	Chlor-alkali
2007	E439	South Korea	100	35.000	1	Copper
2007	E438	Peru	460	25.000	1	Copper
2007	E435	Italy	410	15.400	2	Chlor-alkali
2006	E437	Qatar	141	14.500	3	Hypochlorite
2006	E436	Spain	320	31.400	2	Copper
2006	E433	Norway	600	30.000	1	Copper
2006	E432	Morocco	440	31.000	1	Chlor-alkali
2006	E431	South Korea	420	90.000	1	Zinc
2006	E430	Saudi Arabia	550	18.000	2	Chlor-alkali
2006	E429	Taiwan	340	2x23.000	2	Chlor-alkali
2006	E428	Indonesia	340	34.000	1	Chlor-alkali
2006	E426	Saudi Arabia	170	17.500	1	Chlor-alkali
2006	E425	Saudi Arabia	480	39.400	2	Chlor-alkali
2006	E424	Mexico	430	34.000	2	Chlor-alkali
2005	E423	Greece	70	20.000	1	Hypochlorite
2005	E421	Switzerland	150	20.000	1	Graphite

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
2005	E420	Pakistan	560	42.000	3	Chlor-alkali
2005	E419	South Korea	40	1.200	1	Electrowinning
2005	E418	China	570	41.400	4	Chlor-alkali
2005	E417	Saudi Arabia	140	19.200	2	Hypochlorite
2005	E416	Argentina	385	16.500	1	Chlor-alkali
2004	E415	France	220	150.000	1	Graphite
2004	E414	Germany	450	30.000	1	Copper
2004	E413	Egypt	190	28.000	1	Chlor-alkali
2004	E412-c	South Korea	35	35.000	1	Copper
2004	E412-b	South Korea	150	35.000	1	Copper
2004	E412	South Korea	200	35.000	1	Copper
2004	E411	Saudi Arabia	140	19.200	2	Hypochlorite
2004	E410	South Korea	150	1.000	1	Electrowinning
2004	E408	Pakistan	380	16.500	1	Chlor-alkali
2003	E406	Argentina	407	40.000	2	Chlor-alkali
2003	E405	Norway	600	12.000	1	Copper
2003	E404	Singapore	680	18.000	1	Chlor-alkali
2003	E403	Peru	171	60.000	1	Chlor-alkali
2003	E402	Egypt	575	30.000	2	Chlor-alkali
2002	E401	Belgium	270	100000	2	Chlor-alkali
2002	E400	Egypt	575	30.000	2	Chlor-alkali
2002	E399	Morocco	410	28.000	1	Chlor-alkali
2002	E398	Italy	30	110.000	2	Aluminium
2001	E397	Pakistan	380	49.500	3	Chlor-alkali
2001	E396	Saudi Arabia	190	12.400	2	Hypochlorite
2001	E394	Belgium	260	44.000	2	Copper
2001	E393	Turkey	170	8.200	2	Chlor-alkali
2001	E392	Spain	250	21600	1	Chlor-alkali
2001	E391	Spain	30	20.000	1	Chlor-alkali
2000	E390	South Korea	420	40.000	1	Zinc
2000	E389	Italy	265	120.000	2	Chlor-alkali
2000	E388	Taiwan	365	30.000	1	Chlor-alkali
2000	E387	Germany	415	80.000	1	Zinc
2000	E375-b	Saudi Arabia	200	47.200	4	Chlor-alkali
2000	E373-b	Saudi Arabia	570	197	1	Chlor-alkali
2000	E369-b	Singapore	350	150	1	Chlor-alkali
2000	E365-c	Mofidication of Job N°	280	50.000	1	Chlor-alkali
2000	E365-b	Mofidication of Job N°	280	50.000	1	Chlor-alkali
2000	E357-b	Malaysia	350	150	1	Chlor-alkali
1999	E386	Switzerland	20	20.000	1	Aluminium
1999	E385	Saudi Arabia	190	24.800	4	Hypochlorite
1999	E384	Norway	300	25.000	1	Aluminium
1999	E383	Egypt	130	3.000	1	Hypochlorite
1998	E382	Turkey	480	18.000	1	Chlor-alkali
1998	E381	South Korea	350	22.000	2	Lead
1998	E380	USA	750	108.000	2	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1998	E379	Argentina	210	18.000	1	Chlor-alkali
1998	E377	Italy	265	60.000	1	Chlor-alkali
1998	E376	South Korea	90	6.000	1	Cadmium
1998	E375	Saudi Arabia	200	96.000	4	Chlor-alkali
1998	E374	Norway	164	84.000	1	Chlorate
1997	E373	Singapore	850	18.000	1	Chlor-alkali
1997	E371	China	665	14.000	2	Chlor-alkali
1997	E369	Singapore	680	16.000	1	Chlor-alkali
1997	E368	South Korea	120	84.000	2	Copper
1997	E365	Indonesia	478	90.720	2	Chlor-alkali
1997	E364	Iran	190	2.500	1	Hypochlorite
1997	E362	Thailand	220	70.000	1	Chlor-alkali
1997	E361	Belgium	60	120.000	1	Chemical plant
1996	E372	France	170	25.000	1	Chlor-alkali
1996	E367	Norway	600	30.000	1	Nickel
1996	E359	Italy	250	40.000	1	Chlor-alkali
1996	E358-b	Morocco	550	150	1	Chlor-alkali
1996	E358	Morocco	740	14.000	1	Chlor-alkali
1996	E357	Malaysia	500	13.000	1	Chlor-alkali
1995	E355	South Korea	130	15.000	1	Copper
1995	E354	South Korea	420	180.000	2	Zinc
1995	E353	Indonesia	130	126.000	2	Chlor-alkali
1995	E352	Indonesia	108	12.800	2	Hypochlorite
1995	E351-b	Thailand	165	150	1	Chlor-alkali
1995	E351	Thailand	231	14.000	1	Chlor-alkali
1995	E350	Italy	250	80.000	2	Chlor-alkali
1995	E349	India	30	14.000	1	Chlor-alkali
1995	E348	Yemen	135	1.300	1	Hypochlorite
1995	E347-b	Malaysia	310	150	1	Chlor-alkali
1995	E347	Malaysia	440	13.000	1	Chlor-alkali
1994	E346	United Arab Emirates	135	7.000	2	Hypochlorite
1994	E345	Qatar	108	1.100	1	Hypochlorite
1994	E344	Chile	55	36.000	1	Chlor-alkali
1994	E343	Saudi Arabia	180	9.000	3	Hypochlorite
1994	E342	Italy	250	120.000	3	Chlor-alkali
1994	E341	Lebanon	135	3.400	2	Hypochlorite
1994	E340	Pakistan	24	1.000	1	Hydrogen
1994	E339-b	Slovenia	240	150	1	Chlor-alkali
1994	E339	Slovenia	375	13.000	1	Chlor-alkali
1994	E338	Malaysia	180	6.000	2	Hypochlorite
1994	E337	Malaysia	135	4.000	2	Hypochlorite
1994	E336	Iran	140	38.000	2	Copper
1994	E335	Philipines	560	60.000	1	DC Arc Furnace
1994	E334-b	Iran	300	120	2	Chlor-alkali
1994	E334	Iran	400	6.400	2	Chlor-alkali
1994	E333-b	Iran	300	120	2	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1994	E333	Iran	400	6.400	2	Chlor-alkali
1994	E303-b	Malaysia	260	300	1	Chlor-alkali
1993	E332-b	Italy	60	3.300	1	Organic electrolisis
1993	E332	Italy	14	11.000	1	Organic electrolisis
1993	E330-b	China	450	150	2	Chlor-alkali
1993	E330	China	630	26.000	2	Chlor-alkali
1993	E328	Saudi Arabia	108	1.300	2	Hypochlorite
1993	E326	United Arab Emirates	130	57.000	6	Hypochlorite
1993	E325	Egypt	80	50.000	1	Chlor-alkali
1993	E324	Iran	155	5.000	1	Hydrogen
1993	E323	Tunisia	80	2.700	1	Hypochlorite
1992	E322	Saudi Arabia	290	3.000	1	Chlor-alkali
1992	E321	Iran	190	2.500	1	Hypochlorite
1992	E320	Morocco	185	12.800	4	Hypochlorite
1992	E319	Egypt	130	3.200	2	Hypochlorite
1992	E318	Indonesia	140	100.000	1	Chlor-alkali
1992	E317	United Arab Emirates	105	18.900	3	Hypochlorite
1992	E316-b	Pakistan	400	400	2	Chlor-alkali
1992	E316	Pakistan	560	26.000	2	Chlor-alkali
1992	E315	Italy	135	30.000	1	Chlor-alkali
1991	E314	Italy	15	15.000	1	Copper
1991	E313	Iran	48	1.000	1	Hydrogen
1991	E312-b	Spain	325	90	3	Chlor-alkali
1991	E312	Spain	450	45.000	1	Chlor-alkali
1991	E311	Singapore	155	26.000	1	Chlor-alkali
1991	E310	Italy	30	18.000	1	Copper
1991	E309	Iran	100	1.000	1	Chlor-alkali
1990	E308	Singapore	87	35.000	1	Chlor-alkali
1990	E307	South Africa	145	50.000	1	Chlor-alkali
1990	E306	Pakistan	72	40.000	1	Chlor-alkali
1990	E305	Singapore	135	4.000	2	Hypochlorite
1990	E303	Malaysia	370	13.000	1	Chlor-alkali
1990	E302	Italy	260	±7000	1	Lead
1990	E301	Austria	330	15.000	1	Chlor-alkali
1990	E300	Indonesia	140	100.000	1	Chlor-alkali
1989	E298	Morocco	200	2.300	1	Hypochlorite
1989	E297	Turkey	180	6.900	3	Hypochlorite
1989	E296	Ireland	200	4.800	4	Hypochlorite
1989	E295	Italy	620	42.000	1	Aluminium
1989	E294-b	Tanzania	70	50	1	Chlor-alkali
1989	E294	Tanzania	90	3.000	1	Chlor-alkali
1989	E293	South Africa	145	50.000	1	Chlor-alkali
1989	E292	Malaysia	60	25.000	2	Chlor-alkali
1989	E290	Singapore	110	1.000	1	Hypochlorite
1989	E286	Italy	700	15.000	1	Chlor-alkali
1989	E285	Ethiopia	140	2.500	1	Hydrogen

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1988	E284	Algeria	135	5.300	2	Hypochlorite
1988	E283	Pakistan	350	13.000	1	Chlor-alkali
1988	E281	Indonesia	127	25.200	1	Electrowinning
1988	E279	Iran	135	800	1	Hypochlorite
1988	E278	Egypt	185	4.300	1	Hypochlorite
1988	E277	Egypt	200	50.000	2	Chlor-alkali
1987	E280	Spain	300	60.000	2	Chlor-alkali
1987	E276	Iran	400	3.200	1	Chlor-alkali
1987	E275	Algeria	170	2.100	1	Hypochlorite
1987	E273	Pakistan	105	10.600	2	Hypochlorite
1987	E272	South Africa	306	34.600	2	Chlor-alkali
1987	E271	Germany	880	2.000	1	Heating
1987	E270	Philipines	108	300	1	Hypochlorite
1986	E269	Saudi Arabia	72	2.500	1	Hypochlorite
1986	E268	Italy	95	8.000	4	Hypochlorite
1986	E267	Malaysia	100	1.700	1	Hypochlorite
1986	E266	Italy	150	8.000	4	Hypochlorite
1986	E265	Iraq	24	2.500	1	Hydrogen
1986	E264	Sweden	256	75.000	1	Chlor-alkali
1986	E263	Chile	480	30.000	1	Chlor-alkali
1986	E262	Italy	300	7.000	1	Chlor-alkali
1986	E261	Lebanon	135	2.700	1	Hypochlorite
1986	E260	Italy	380 ac	120	1	Heating
1986	E259	Iran	90	56.000	1	Chlor-alkali
1986	E257	United Arab Emirates	135	6.250	5	Hypochlorite
1986	E256	Taiwan	185	2.700	1	Hypochlorite
1985	E255	Iraq	295	16.000	1	Chlor-alkali
1985	E254	Spain	45	220.000	2	Chlor-alkali
1985	E252	Italy	120	3.500	1	Hypochlorite
1985	E251	Italy	500	1.000	1	Chlor-alkali
1984	E250	Lybia	75	120	2	Hypochlorite
1984	E249	Singapore	135	8.000	4	Hypochlorite
1984	E247	Yemen	130	1.000	1	Hypochlorite
1984	E246	Algeria	180	6.800	2	Hypochlorite
1984	E245	Romania	25	900	1	Hydrogen
1984	E244	Jordan	185	3.600	2	Hypochlorite
1984	E243	United Arab Emirates	135	7.480	2	Hypochlorite
1984	E223	China	180	500	2	Hypochlorite
1983	E69-b	Brazil	100	60.000	2	Chlor-alkali
1983	E242	Singapore	90	2.100	2	Hypochlorite
1983	E241	Saudi Arabia	135	7.200	2	Hypochlorite
1983	E240	Saudi Arabia	90	2.000	1	Hypochlorite
1983	E239-b	Italy	72	3.500	1	Organic electrolisis
1983	E239	Italy	180	3.500	1	Organic electrolisis
1983	E238	Tanzania	55	3.600	1	Hydrogen
1983	E237	Italy	60	4.500	1	Hydrogen

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1983	E236	Sweden	275	55.000	1	Chlor-alkali
1983	E235	Argentina	130	4.200	3	Hypochlorite
1983	E234	Italy	380	10.000	1	Chlor-alkali
1983	E233	Spain	195	2.100	1	Hypochlorite
1983	E232	Spain	180	1.350	1	Hypochlorite
1983	E231	United Arab Emirates	130	2.700	3	Hypochlorite
1983	E230	Italy	275	200.000	2	Zinc
1983	E229	Italy	210	60.000	1	Chlor-alkali
1983	E228	Bahrain	70	520	2	Hypochlorite
1983	E227	Saudi Arabia	90	3.300	2	Hypochlorite
1983	E045-b	Brazil	260	30.000	1	Chlor-alkali
1982	E226-b	Italy	40	21.000	1	Copper
1982	E226	Italy	15	15.000	1	Copper
1982	E225	Philipines	180	7.500	2	Hypochlorite
1982	E224	France	180	8.000	2	Hypochlorite
1982	E222	Saudi Arabia	60	73.000	2	Chlor-alkali
1982	E221	Martinique	90	700	1	Hypochlorite
1982	E220	Cuba	90	3.400	2	Hypochlorite
1982	E219	Bahrain	252	10.000	1	Hypochlorite
1982	E218	United Arab Emirates	18	1.900	1	Hypochlorite
1982	E217	Australia	105	2.600	1	Hypochlorite
1982	E216	Portugal	95	7.400	4	Hypochlorite
1982	E215	Pakistan	135	2.700	1	Chlor-alkali
1982	E214	Egypt	75	2.500	1	Hydrogen
1981	E212	Egypt	200	9.000	2	Hydrogen
1981	E211	Indonesia	252	10.000	1	Chlor-alkali
1981	E210	Lebanon	18	1.900	1	Hydrogen
1981	E209	Lebanon	135	2.700	1	Hypochlorite
1981	E208	Italy	90	8.800	2	Hypochlorite
1981	E207	Italy	120	77.000	1	Chlor-alkali
1980	E206	Italy	300	3.800	1	Hydrogen
1980	E205	Mexico	250	4.500	1	DC Network
1980	E204	Tunisia	80	2.700	1	Hypochlorite
1980	E203	Italy	135	2.700	1	Hypochlorite
1980	E202	Spain	150	2.000	1	Hypochlorite
1980	E201	Brazil	200	5.300	1	Magnesium
1980	E200	United Arab Emirates	90	2.200	1	Hypochlorite
1980	E199	Turkey	80	100.000	1	Chlor-alkali
1980	E198	Italy	300	7.000	1	Chlor-alkali
1980	E197	Tunisia	40	3.300	1	Chlor-alkali
1980	E196	Kuwait	140	90.000	6	Hypochlorite
1980	E195	Egypt	200	25.000	1	Chlor-alkali
1980	E194	Lybia	95	2x2100	3	Hypochlorite
1980	E193	Algeria	170	4.200	2	Hypochlorite
1980	E192	United Arab Emirates	26	3.000	1	Hypochlorite
1979	E191	Ireland	100	4.400	2	Hypochlorite

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1979	E190	Colombia	150	4.500	1	Hydrogen
1979	E189	Italy	140	50.000	1	Graphite
1979	E188	Italy	340	100.000	1	Chlor-alkali
1979	E187	Morocco	220	4.600	2	Hypochlorite
1979	E186	Jordan	50	5.000	2	Hypochlorite
1979	E185	Egypt	225	2.200	1	Hypochlorite
1979	E184	United Arab Emirates	90	2.000	1	Hypochlorite
1978	E183	Romania	480	75.000	2	Chlor-alkali
1978	E182	Romania	480	75.000	2	Chlor-alkali
1978	E181	Saudi Arabia	180	17.000	5	Hypochlorite
1978	E180	Egypt	130	12.000	4	Hypochlorite
1978	E179	Spain	220	10.000	1	Chlor-alkali
1978	E178	Brazil	150	80.000	2	Chlor-alkali
1978	E177	Turkey	190	260.000	3	Chlor-alkali
1977	E176	France	180	4.000	4	Hypochlorite
1977	E175	Brazil	520	14.000	4	Chlor-alkali
1977	E174	Poland	260	50.000	1	Graphite
1977	E173	Italy	130	2.000	1	Hypochlorite
1977	E172	New Caledonia	130	2.000	1	Hypochlorite
1977	E171	Iran	180	36.000	3	Hypochlorite
1977	E170	Iran	90	112.000	2	Chlor-alkali
1977	E169	Romania	132	400.000	5	Graphite
1977	E168	Vietnam	500	6.000	2	Chlor-alkali
1977	E167	Uruguay	170	25.000	1	Chlor-alkali
1977	E166	Saudi Arabia	180	13.600	4	Hypochlorite
1977	E165	Russia	580	75.000	2	Chlor-alkali
1976	E163	Sweden	200	5.200	2	Hypochlorite
1976	E162	Italy	710	12.000	1	Organic electrolisis
1976	E160	Russia	480	60.000	6	Hydrochloric
1976	E153	Italy	10	300	1	Electrowinning
1976	E150	Italy	300	3.800	1	Hydrogen
1975	E159	Italy	180	48.000	6	Organic electrolisis
1975	E158	Serbia	55	79.000	2	Chlor-alkali
1975	E157	Brazil	150	40.000	1	Chlor-alkali
1975	E156	Italy	195	800	1	Hypochlorite
1975	E155	Italy	260	1.750	1	Hypochlorite
1975	E148	Italy	10	1.000	1	Electrophoresis
1975	E147-c	Italy	10	6.800	15	Electrowinning
1974	E154	Netherlands	35	800	1	Hypochlorite
1974	E152	Algeria	160	11.000	1	Chlor-alkali
1974	E151	Algeria	90	75.000	2	Chlor-alkali
1974	E147-b	Italy	30	3.500	2	Electrowinning
1974	E147	Italy	80	1.000	1	Electrowinning
1974	E146	Italy	10	750	3	Electrowinning
1974	E145	Romania	132	160.000	2	Graphite
1974	E144	Russia	170	420.000	4	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1974	E143	Italy	10	7.000	5	Electrowinning
1974	E142	Italy	60	600	1	Electrowinning
1973	E141	France	130	3.500	1	Hydrogen
1973	E140	Spain	150	250.000	3	Chlor-alkali
1973	E139	Mexico	90	7.000	1	Chlor-alkali
1973	E138	Italy	300	50.000	1	Chlor-alkali
1973	E137	Italy	210	100.000	1	Chlor-alkali
1973	E136	Romania	220	55.000	1	Chlor-alkali
1973	E135	Italy	700	61.000	2	Chlor-alkali
1973	E134	Italy	160	4.500	1	Hydrogen
1973	E133	Spain	135	220.000	2	Chlor-alkali
1972	E164	Iran	200	8.000	2	Hypochlorite
1972	E161	Syria	50	35.000	1	Chlor-alkali
1972	E132	Italy	300	50	1	Electrophoresis
1972	E131	Peru	160	30.000	1	Chlor-alkali
1972	E130	Czechoslovakia	260	330.000	3	Chlor-alkali
1972	E129	Philipines	150	30.000	1	Chlor-alkali
1972	E128	Venezuela	115	155.000	2	Chlor-alkali
1971	E127	Italy	20	3.000	1	Pickling
1971	E126	Romania	240	440.000	4	Chlor-alkali
1971	E125	Italy	110	4.500	1	Hydrogen
1971	E124	Turkey	20	2.200	1	Hydrogen
1971	E123	Spain	140	250.000	3	Chlor-alkali
1970	E122	Mexico	165	60.000	1	Chlor-alkali
1970	E121	Italy	12	4.000	2	Electrowinning
1970	E120	Italy	12	4.200	4	Electrowinning
1970	E119	Romania	132	80.000	1	Graphite
1970	E118-b	Italy	20	19.500	2	Electrowinning
1970	E118	Italy	12	33.500	8	Electrowinning
1970	E117-d	Italy	80	2.000	4	Anodic coating
1970	E117-c	Italy	20	20.000	2	Electrowinning
1970	E117-b	Italy	16	5.500	3	Electrowinning
1970	E117	Italy	9	2.000	2	Electrowinning
1970	E116	Spain	110	50.000	1	Chlor-alkali
1970	E115	Turkey	500	10	1	Electrowinning
1970	E114	Italy	500	10	1	Electrowinning
1970	E113	Italy	16	10.000	1	Electrowinning
1969	E112	Italy	210	20.000	1	Chlor-alkali
1969	E111	USA	120	±2x15.000	1	Copper
1969	E110	Russia	10	195.000	22	Electrowinning
1969	E109	Italy	60	3.000	1	Hydrogen
1969	E108	Italy	380 ac	3x2.200	5	Heating
1969	E107	Italy	220	4.400	1	Hydrogen
1969	E106	Italy	260	225.000	3	Chlor-alkali
1969	E105	Italy	45	2.500	1	Hydrogen
1969	E104	Peru	160	60.000	2	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1969	E103	Colombia	115	150.000	2	Chlor-alkali
1968	E102	Pakistan	42	40.000	1	Chlor-alkali
1968	E101	Mexico	150	60.000	1	Chlor-alkali
1968	E100	Spain	95	90.000	2	Chlor-alkali
1968	E099	Pakistan	360	1.250	1	Hydrogen
1968	E098	Italy	300	7000	1	Chlor-alkali
1968	E097	Romania	132	160.000	2	Graphite
1968	E096	Belgium	200	1.600	1	Copper
1967	E095	Iran	20	2.200	1	Hydrogen
1967	E094	Pakistan	150	30.000	1	Chlor-alkali
1967	E093	Belgium	150	±2x24.000	1	Copper
1967	E092	Italy	150/300	200.000	3	Chlor-alkali
1967	E091	Italy	200	110.000	2	Chlor-alkali
1967	E090	Italy	620	13.000	1	Chlor-alkali
1967	E089	Serbia	115	4.500	1	Hydrogen
1967	E088	France	450	14.000	1	Chlor-alkali
1967	E087	Spain	110	150.000	3	Chlor-alkali
1967	E086	Taiwan	150	200.000	3	Chlor-alkali
1966	E085	Russia	8	9.000	3	Zinc
1966	E084	Russia	8	16.000	3	Zinc
1966	E083	Russia	8	16.000	3	Zinc
1966	E082	Spain	115	16.000	1	Chlor-alkali
1966	E081	Colombia	150	4.500	1	Hydrogen
1966	E080	Italy	540	32.000	1	Aluminium
1966	E079	Spain	120	77.000	2	Chlor-alkali
1966	E078	USA	650	25.000	2	Chlor-alkali
1966	E077	USA	650	37.500	3	Chlor-alkali
1966	E076	Romania	220	220.000	4	Chlor-alkali
1966	E075	Honduras	60	2.500	1	Hydrogen
1966	E074	India	140	132.000	3	Chlor-alkali
1965	E073	Egypt	75	2.500	1	Hydrogen
1965	E072	Egypt	75	2.500	1	Hydrogen
1965	E071	Egypt	75	2.500	1	Hydrogen
1965	E070	Italy	620	13.000	1	Chlor-alkali
1964	E069	Canada	120	220.000	4	Chlor-alkali
1964	E068	Italy	300	14.000	2	Chlor-alkali
1964	E067	El Salvador	70	2.050	1	Hydrogen
1964	E066	Nicaragua	140	2.500	1	Hydrogen
1964	E065	Singapore	140	60.000	2	Chlor-alkali
1963	E064	Mexico	150	100.000	3	Chlor-alkali
1963	E063	Egypt	75	2.500	1	Hydrogen
1963	E062	Egypt	150	4.500	1	Hydrogen
1963	E061	Poland	260	100.000	2	Graphite
1963	E060	Italy	630	1.750	1	Electrowinning
1963	E058	Egypt	240	2x2.880	2	Hydrogen
1963	E057	Colombia	150	4.500	1	Hydrogen

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1963	E056	Iraq	220	2.500	1	Hydrogen
1962	E059	Belgium	100	12.000	1	Copper
1962	E055	Italy	60	3.000	1	Hydrogen
1962	E054	Argentina	90	60.000	2	Chlor-alkali
1962	E053	Italy	100	4.500	1	Hydrogen
1962	E052	Italy	160	4.500	1	Hydrogen
1962	E051	Turkey	110	60.000	2	Chlor-alkali
1962	E050	Romania	210	100.000	3	Chlor-alkali
1962	E049	Portugal	80	27.500	1	Chlor-alkali
1962	E048	Italy	210	110.000	2	Chlor-alkali
1962	E047	Poland	500	50.000	3	Chlor-alkali
1962	E046	Poland	500	50.000	3	Chlor-alkali
1962	E045	Brazil	260	90.000	3	Chlor-alkali
1962	E044	Romania	120	2.500	1	Hydrogen
1962	E041	Macedonia	150	45.000	2	Chlor-alkali
1961	E043	Italy	50	2.500	1	Hydrogen
1961	E042	Italy	170	4.500	1	Hydrogen
1961	E040	Peru	140	50.000	2	Chlor-alkali
1961	E039	Serbia	55	27.500	1	Chlor-alkali
1961	E038	Italy	245	100.000	3	Chlor-alkali
1961	E037	Puerto Rico	100	60.000	2	Chlor-alkali
1960	E036	Iran	50	45.000	2	Chlor-alkali
1960	E035	Slovenia	70	45.000	2	Chlor-alkali
1960	E034	Tunisia	50	30.000	1	Chlor-alkali
1960	E033	Philipines	150	60.000	2	Chlor-alkali
1960	E032	Pakistan	150	60.000	2	Chlor-alkali
1960	E031	Philipines	23	19.000	1	Chlor-alkali
1960	E030	Italy	120	2.500	1	Hydrogen
1960	E029	Italy	130	2.500	1	Heating
1960	E028	Mexico	150	2.500	1	Hydrogen
1960	E027	Italy	60	4.500	1	Hydrogen
1960	E026	Egypt	190	50.000	2	Chlor-alkali
1959	E021	Italy	110	1.000	1	Hydrogen
1959	E020	Italy	92	2.600	1	Hydrogen
1959	E019	France	110	3.500	1	Copper
1958	E025	Venezuela	85	2.500	1	Hydrogen
1958	E024	Italy	50	1.500	1	Chlor-alkali
1958	E023	Angola	50	25.000	1	Chlor-alkali
1958	E018	Brazil	285	1.200	1	Hydrogen
1958	E017	Brazil	285	1.200	1	Hydrogen
1958	E016	Argentina	50	50.000	2	Chlor-alkali
1958	E015	Belgium	75	2.500	1	Hydrogen
1957	E022	Italy	60	2.600	1	Hydrogen
1957	E014	Uruguay	55	15.000	1	Chlor-alkali
1957	E013	Brazil	35	40.000	4	Chlor-alkali
1957	E012	Bosnia & Herzegovina	55	26.000	4	Chlor-alkali

High power rectifiers reference list

Year	Job No.	Country	DC Voltage [V]	DC Current [A]	Qty	Application
1957	E011	Italy	70	2.100	1	Hydrogen
1956	E010	Italy	120	2.500	1	Hydrogen
1956	E009	Egypt	75	2.500	1	Hydrogen
1956	E008	El Salvador	75	2.500	1	Hydrogen
1956	E007	Mexico	120	50.000	4	Chlor-alkali
1956	E006	Serbia	150	4.200	1	Hydrogen
1956	E004	Iraq	220	2.500	1	Hydrogen
1956	E003	Iran	75	2.500	1	Hydrogen
1955	E005	Serbia	81	4.100	1	Hydrogen
1955	E002	Italy	52	2.600	1	Hydrogen
1955	E001	Italy	110	3.500	1	Copper