Title (en)

Continuous process for manufacturing alkali metal perchlorate

Title (de)

Durchgehendes Verfahren zur Herstellung von Alkalimetall-Perchlorat

Title (fr)

Procédé continu de fabrication de perchlorate de métal alcalin

Publication

EP 0368767 B1 19970917 (FR)

Application

EP 89420420 A 19891026

Priority

FR 8815137 A 19881109

Abstract (en)

[origin: EP0368767A1] Continuous manufacture of alkali metal perchlorate by electrolysis of an aqueous solution of chlorate of the said metal in a single electrolytic stage with a uniform electrolyte of stationary composition, characterised in that the said composition is that of an aqueous solution of perchlorate from which the latter is capable of being isolated directly by crystallisation, which is maintained thus by continuously introducing chlorate and water simultaneously into the electrolysis stage, each being in a quantity equal to that of the chlorate and of the water respectively, which, in this form or in combined form, leave the said stage continuously and definitively.

IPC 1-7

C25B 1/28

IPC 8 full level

C25B 1/28 (2006.01); **C25B 15/02** (2006.01)

CPC (source: EP KR US)

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Designated contracting state (EPC)

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EP 0368767 A1 19900516; **EP 0368767 B1 19970917**; AT E158348 T1 19971015; AU 4448289 A 19900517; AU 626935 B2 19920813; BR 8905622 A 19900605; CA 2001847 C 19950801; CN 1019207 B 19921125; CN 1042574 A 19900530; DE 368767 T1 19901018; DE 68928322 D1 19971023; DE 68928322 T2 19980226; DK 556789 A 19900510; DK 556789 D0 19891108; ES 2014400 A4 19900716; ES 2014400 T3 19980101; FI 895318 A0 19891108; FI 91978 B 19940531; FI 91978 C 19940912; FR 2638766 A1 19900511; FR 2638766 B1 19901214; GR 3025661 T3 19980331; GR 910300032 T1 19911115; IL 92062 A0 19900712; IL 92062 A 19940227; JP H02182888 A 19900717; JP H0686671 B2 19941102; KR 900008065 A 19900602; KR 920001522 B1 19920215; MX 173147 B 19940202; NO 176724 B 19950206; NO 176724 C 19950524; NO 894359 D0 19891102; NO 894359 L 19900510; NZ 231324 A 19911025; PT 92237 A 19900531; PT 92237 B 19960131; US 5004527 A 19910402; ZA 898559 B 19900829

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