

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 A1 19900516 (FR)

Application
EP 89420420 A 19891026

Priority
FR 8815137 A 19881109

Abstract (en)
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.

Abstract (fr)
Fabrication continue de perchlorate de métal alcalin par électrolyse d'une solution aqueuse de chlorate dudit métal en une seule étape électrolytique avec un électrolyte uniforme et de composition stationnaire, caractérisé en ce que ladite composition est celle d'une solution aqueuse de perchlorate de laquelle celui-ci est isolable directement par cristallisation, maintenue ainsi en faisant entrer en continu dans l'étape d'électrolyse, du chlorate et de l'eau simultanément, chacun en quantité égale respectivement à celle du chlorate et de l'eau qui, en l'état ou sous forme combinée, sortent en continu et définitivement de ladite étape.

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

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C25B 1/265 (2013.01 - KR); **C25B 1/28** (2013.01 - EP US); **C25B 9/23** (2021.01 - KR); **C25B 15/021** (2021.01 - KR); **C25B 15/08** (2013.01 - KR)

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