

Title (en)

INDUSTRIAL PROCESS FOR THE PRODUCTION OF A KOH-BASED PRODUCT SUBSTANTIALLY FREE FROM CHLORATE IONS

Title (de)

INDUSTRIELLES VERFAHREN ZUR HERSTELLUNG EINES PRODUKTES AUF KOH-BASIS, DAS IM WESENTLICHEN FREI VON CHLORATIONEN IST

Title (fr)

PROCÉDÉ INDUSTRIEL DE PRODUCTION D'UN PRODUIT À BASE DE KOH SENSIBLEMENT EXEMPT D'IONS CHLORATE

Publication

EP 3802919 A1 20210414 (EN)

Application

EP 19736507 A 20190606

Priority

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- IB 2019054702 W 20190606

Abstract (en)

[origin: WO2019234665A1] In the context of the technology for producing caustic potash (in solution or as a solid phase) from potassium chloride, by an electrolytic process with membrane cells, the present invention is aimed at a process of dechloration of KC1 brine, in particular half-saturated KC1 brine, which enables a KOH-based end product to be obtained on an industrial scale, such as, for example, 30% w/w or 50% w/w KOH in aqueous solution (potash), or solid KOH, containing the smallest possible amount of chlorate ions, in particular, less than 30 ppm; substantially devoid of chlorates, or completely devoid of chlorates.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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