

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

- IT 201800006104 A 20180607
- 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

C25B 1/46 (2006.01); **C25B 15/08** (2006.01)

CPC (source: EP)

C25B 1/46 (2013.01); **C25B 15/08** (2013.01)

Citation (search report)

See references of WO 2019234665A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019234665 A1 20191212; EP 3802919 A1 20210414

DOCDB simple family (application)

IB 2019054702 W 20190606; EP 19736507 A 20190606