

Title (en)

CATHODE ASSEMBLY HAVING A CATHODE BLOCK HAVING A SLOT WITH VARYING DEPTH AND A SECURING SYSTEM

Title (de)

KATHODENANORDNUNG MIT KATHODENBLOCK MIT EINER NUT MIT VARIIERENDER TIEFE UND EINER FIXIEREINRICHTUNG

Title (fr)

AGENCEMENT DE CATHODE AVEC BLOC CATHODIQUE MUNI D'UNE RAINURE DE PROFONDEUR VARIABLE ET D'UN DISPOSITIF DE FIXATION

Publication

EP 3546620 B1 20211222 (DE)

Application

EP 19166841 A 20140425

Priority

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- EP 14721300 A 20140425
- EP 2014058478 W 20140425

Abstract (en)

[origin: CA2910233A1] A cathode block for an aluminum electrolysis cell based on carbon and/or graphite has at least one slot for receiving at least one bus bar, said slot extending in the longitudinal direction of the cathode block, wherein at least one of the at least one slot has a depth that varies when viewed over the length of the cathode block, and wherein at least one recess which extends horizontally in the longitudinal direction of the cathode block is provided in the cathode block wall bordering the at least one slot. According to another embodiment, a cathode block for an aluminum electrolysis cell based on carbon and/or graphite has at least one slot for receiving at least one bus bar, said slot extending in the longitudinal direction of the cathode block, wherein at least one of the at least one slot has a depth that varies when viewed over the length of the cathode block, and wherein this slot is bordered by a wall, at least one projection that projects into the slot being provided on said wall.

IPC 8 full level

C25C 3/08 (2006.01); **C25C 3/16** (2006.01)

CPC (source: EP RU)

C25C 3/08 (2013.01 - EP RU); **C25C 3/16** (2013.01 - EP)

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