

Title (en)
DEVICE FOR REMOVING SHORT-CIRCUITING BLOCKS WHEN BRINGING ON-LINE AN ELECTROLYSIS CELL FOR THE PRODUCTIN OF ALUMINIUM

Title (de)
VORRICHTUNG ZUR ENTFERNUNG VON KURZSCHLIESSUNGSBLOCKIERUNGEN BEI DER INBETRIEBNAHME EINER ELEKTROLYSEZELLE ZUR HERSTELLUNG VON ALUMINIUM

Title (fr)
DISPOSITIF PERMETTANT D'EXTRAIRE DES CALES DE COURT-CIRCUITAGE LORS DE LA MISE EN CIRCUIT D'UNE CELLULE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM

Publication
EP 2585624 A1 20130501 (FR)

Application
EP 11740956 A 20110623

Priority
• FR 1002686 A 20100628
• FR 2011000357 W 20110623

Abstract (en)
[origin: WO2012001242A1] Extractor device (30) intended to extract a short-circuiting block (20) that has been inserted between two conductors (24 and 25) to take an electrolysis cell (2) offline. The extractor device (30) comprises a gripper means (31) for gripping said block and at least one actuator (32) oriented vertically and comprising a body (320) and a piston with a piston rod (321), a) said body (or said rod) being secured to at least one horizontal bearing face (335) directed downwards and arranged in such a way that when said extractor device is positioned above said block in order to extract it, the upper horizontal face (240, 250) of each conductor (24, 25) lies in line with a horizontal bearing face (335), b) said rod (or said body) being connected to said block gripping means (31) in such a way that when said actuator (32) is actuated to make it extract said block, said actuator applies, to said conductors and to said block, opposing forces that have a tendency to part them.

IPC 8 full level
C25C 3/16 (2006.01); **C25C 7/00** (2006.01)

CPC (source: EP RU US)
C25C 3/16 (2013.01 - EP RU US); **C25C 7/005** (2013.01 - EP US); **C25C 7/06** (2013.01 - US)

Citation (search report)
See references of WO 2012001242A1

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