

Title (en)
ANCHORAGE FOR A CATHODE BAR

Publication
EP 0052577 B1 19840215 (DE)

Application
EP 81810401 A 19811007

Priority
CH 856580 A 19801119

Abstract (en)
[origin: EP0052577A1] 1. Cathode element for a fusion electrolysis cell, especially for manufacture of aluminium, with a carbon block, in which a cathode bar is anchored in a groove, while in each side wall of this groove there is formed a recess extending over the entire length of a block, for reception of a cast iron sheath filling the space between bar and groove, characterised in that in the working condition the recess in the upper part of the groove (12) has oblique surfaces (14) diverging in the direction of the groove opening, which at their lower ends run into approximately horizontal abutment surfaces (16) terminating at the corresponding side surfaces (15) of the groove.

IPC 1-7
C25C 3/08; C25C 7/02

IPC 8 full level
C25C 3/16 (2006.01)

CPC (source: EP)
C25C 3/16 (2013.01)

Cited by
EP0117842A1; CN103429792A; DE4443160A1; CN115058742A; CN105247109A; EP3546620A1; RU2727621C2; WO2014174089A1; WO2017042691A1; WO2012107412A3; EP3546620B1

Designated contracting state (EPC)
AT CH FR GB IT LI NL SE

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DOCDB simple family (application)
EP 81810401 A 19811007; AT 81810401 T 19811007; AU 7708981 A 19811104; CA 390380 A 19811118; NO 813888 A 19811117; NZ 19897681 A 19811116; YU 272781 A 19811119