

Title (en)

DIMENSIONALLY STABLE DRAINED ALUMINUM ELECTROWINNING CATHODE METHOD AND APPARATUS

Publication

**EP 0096001 B1 19870114 (EN)**

Application

**EP 83810196 A 19830509**

Priority

US 37662882 A 19820510

Abstract (en)

[origin: EP0096001A1] A method and apparatus for making a drained aluminum electrowinning cathode dimensionally stable. A thin,  $<1/2$  to 10 millimeter coating of substantially stagnant molten aluminum is maintained upon the cathode surface by an openly porous sheath or membrane closely conforming to contours of the electrowinning cathode. The sheath or membrane is made from a material substantially resistant to corrosives present in the aluminum electrowinning; it may be only slightly aluminum wettable, but should be relatively electrically nonconductive.

IPC 1-7

**C25C 3/08**

IPC 8 full level

**C25C 3/08** (2006.01)

CPC (source: EP)

**C25C 3/08** (2013.01)

Cited by

US5658447A; WO02097169A1; WO9608590A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0096001 A1 19831207; EP 0096001 B1 19870114**; AT E24937 T1 19870115; AU 1438983 A 19831208; AU 571833 B2 19880428; CA 1218958 A 19870310; DE 3369162 D1 19870219; JP S58207386 A 19831202; NO 159808 B 19881031; NO 159808 C 19890208; NO 831650 L 19831111

DOCDB simple family (application)

**EP 83810196 A 19830509**; AT 83810196 T 19830509; AU 1438983 A 19830510; CA 427850 A 19830510; DE 3369162 T 19830509; JP 8161783 A 19830510; NO 831650 A 19830510