

Title (en)
ETCHING PROCESS FOR ALUMINIUM

Publication
EP 0157190 B1 19900718 (DE)

Application
EP 85102400 A 19850304

Priority
• CH 132584 A 19840316
• DE 3426114 A 19840716

Abstract (en)
[origin: EP0157190A1] 1. Pickling process for aluminium in an alkali lye bath with simultaneous precipitation of aluminium hydroxide in situ and regeneration of the alkali lye consumed during pickling, wherein a pickling bath is used which contains less than 10 g/l caustic soda or caustic potash solution and also contains sodium gluconate as the complexing agent, and is free of sulphides, sulphates, phosphates and thiosulphates, and wherein the aluminium hydroxide occurring in the pickling bath is precipitated without alteration of the temperature of the pickling bath.

IPC 1-7
C23F 1/36; C23F 1/46; C23G 1/22; C23G 1/36

IPC 8 full level
C23F 1/36 (2006.01); **C23F 1/46** (2006.01); **C23G 1/22** (2006.01); **C23G 1/36** (2006.01)

CPC (source: EP)
C23F 1/36 (2013.01); **C23F 1/46** (2013.01); **C23G 1/22** (2013.01); **C23G 1/36** (2013.01)

Cited by
DE102013108375A1; EP1932948A1; DE102008063729A1; CN112921316A; US5512129A; DE4008379A1; WO2010060408A2

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

DOCDB simple family (publication)
EP 0157190 A1 19851009; EP 0157190 B1 19900718

DOCDB simple family (application)
EP 85102400 A 19850304