

Title (en)

PROCESS FOR REMOVING ALKALI AND EARTH ALKALI METALS FROM ALUMINIUM MELTS

Publication

EP 0285566 B1 19920304 (DE)

Application

EP 88810195 A 19880324

Priority

CH 120987 A 19870330

Abstract (en)

[origin: US4832740A] A process for removing alkali and alkaline earth metals from aluminum melts is such that aluminum fluoride powder is fed continuously to a carrier gas in an amount of 1-10 g/min. and the gas/powder mixture introduced continuously via lances into the melt which is maintained at a temperature between 690 DEG and 780 DEG C. The process is characterized by a low consumption of aluminum fluoride per ton of melt to be treated and is particularly suitable for removing sodium and lithium from aluminum-magnesium alloy melts.

IPC 1-7

C22B 21/06

IPC 8 full level

C22B 21/06 (2006.01)

CPC (source: EP US)

C22B 21/062 (2013.01 - EP US); **C22B 21/064** (2013.01 - EP US)

Cited by

EP0620285A1; WO9114009A1

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

EP 0285566 A1 19881005; EP 0285566 B1 19920304; AT E73171 T1 19920315; DE 3868660 D1 19920409; IS 3325 A7 19880708; NO 171799 B 19930125; NO 171799 C 19930505; NO 881370 D0 19880328; NO 881370 L 19881003; US 4832740 A 19890523

DOCDB simple family (application)

EP 88810195 A 19880324; AT 88810195 T 19880324; DE 3868660 T 19880324; IS 3325 A 19880329; NO 881370 A 19880328; US 16798288 A 19880314