

Title (en)

PROCESS FOR GRAIN-REFINING PRIMARY SILICON OF HYPEREUTECTIC ALUMINIUM-SILICON ALLOYS

Publication

**EP 0069680 B1 19850703 (FR)**

Application

**EP 82420053 A 19820414**

Priority

FR 8107856 A 19810415

Abstract (en)

[origin: EP0069680A1] 1. A method of refining the primary silicon in hypereutectic aluminium-silicon alloys by means of products based on phosphorus and magnesium, characterised in that the product based on magnesium is added to an alloy which has been prerefined by the product based on phosphorus, and that this is done immediately before casting.

IPC 1-7

**C22C 21/04**

IPC 8 full level

**C22C 1/02** (2006.01); **C22C 1/06** (2006.01); **C22C 21/02** (2006.01); **C22C 21/04** (2006.01)

CPC (source: EP)

**C22C 21/04** (2013.01)

Cited by

EP0539328A1; US5250125A; CH684800A5; WO2016179733A1; WO9531578A1

Designated contracting state (EPC)

BE CH DE GB IT LI LU NL

DOCDB simple family (publication)

**FR 2504154 A1 19821022; FR 2504154 B1 19850906**; CA 1179507 A 19841218; DE 3264528 D1 19850808; DK 164482 A 19821016; EP 0069680 A1 19830112; EP 0069680 B1 19850703; IE 52548 B1 19871209; IE 820861 L 19821015; JP S57177943 A 19821101; JP S6155576 B2 19861128

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**FR 8107856 A 19810415**; CA 400963 A 19820414; DE 3264528 T 19820414; DK 164482 A 19820413; EP 82420053 A 19820414; IE 86182 A 19820414; JP 6166382 A 19820413