

Title (en)  
REMOVAL OF ALKALI METALS AND ALKALINE EARTH METALS FROM MOLTEN ALUMINIUM

Publication  
**EP 0065854 B1 19850828 (EN)**

Application  
**EP 82302448 A 19820513**

Priority  
US 26525481 A 19810519

Abstract (en)  
[origin: EP0065854A2] A method of removing dissolved contaminant alkali metals and alkaline earth metals from molten aluminium by reaction of the contaminants with solid particulate materials comprising aluminium fluoride, wherein a body of the molten aluminium to be decontaminated is stirred, in the presence of the aluminium fluoride particles, in such manner as to generate and maintain a stable vortex in the molten body.

IPC 1-7  
**C22B 21/06**; F27D 23/04

IPC 8 full level  
**C22B 21/06** (2006.01)

CPC (source: EP)  
**C22B 21/062** (2013.01)

Cited by  
EP0476534A1; EP0260930A1; EP0108178A1; NO20210630A1; EP0285566A1; US4822412A; FR2506333A1; EP0620285A1; US5413315A; FR2536090A1; EP0112024A1; WO9207967A1

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**EP 0065854 A2 19821201**; **EP 0065854 A3 19830126**; **EP 0065854 B1 19850828**; AU 553304 B2 19860710; AU 8378082 A 19821125; CA 1188107 A 19850604; CH 651320 A5 19850913; DE 3265793 D1 19851003; ES 512288 A0 19831016; ES 519264 A0 19840301; ES 8400501 A1 19831016; ES 8403169 A1 19840301; FR 2506333 A1 19821126; FR 2506333 B1 19901207; JP S57198226 A 19821204; JP S6017009 B2 19850430; NO 160663 B 19890206; NO 160663 C 19890516; NO 821659 L 19821122

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**EP 82302448 A 19820513**; AU 8378082 A 19820518; CA 402577 A 19820510; CH 314182 A 19820519; DE 3265793 T 19820513; ES 512288 A 19820518; ES 519264 A 19830126; FR 8208574 A 19820517; JP 8469282 A 19820519; NO 821659 A 19820518