

①⑫ **EUROPEAN PATENT APPLICATION**

②① Application number: **82302448.4**

⑤① Int. Cl.³: **C 22 B 21/06, F 27 D 23/04**

②② Date of filing: **13.05.82**

③⑩ Priority: **19.05.81 US 265254**

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④③ Date of publication of application: **01.12.82**
Bulletin 82/48

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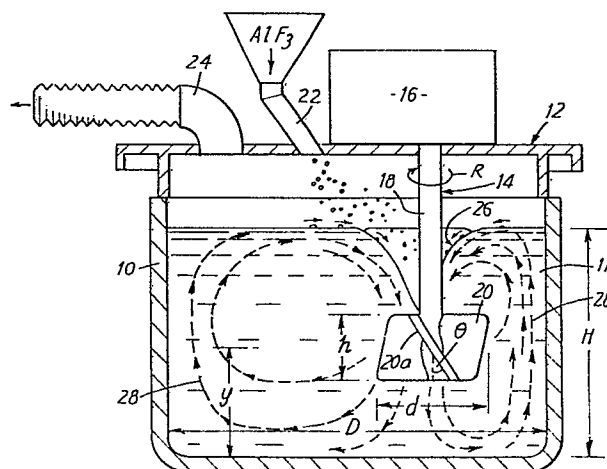
⑧④ Designated Contracting States: **DE GB**

⑧⑧ Date of deferred publication of search report: **26.01.83 Bulletin 83/4**

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⑤④ **Removal of alkali metals and alkaline earth metals from molten aluminium.**

⑤⑦ 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.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
X,Y	--- US-A-3 459 536 (R.E. TOUZALIN) * Claims; figures 6,7 *	1,3,9,11	C 22 B 21/06 F 27 D 23/04
Y	--- US-A-4 058 394 (P.B. CRIMES) * Claims; figures *	5,8,11,12	
Y	--- GB-A-1 367 069 (THE BRITISH ALUMINIUM CO.) * Claims; figures *	4	
Y,D	--- US-A-3 305 351 (L.D. BYLUND) * Column 1, lines 44-58 *	4	
Y	--- US-A-3 871 872 (J.H. DOWNING) * Claim 1 *	8	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	--- US-A-3 902 893 (J.E. OSTBERG) * Figures *	1	C 22 B F 27 D
A	--- US-A-3 620 716 (P.D. HESS) * Claims 1,3 *	1	
A	--- US-A-3 436 212 (P.D. HESS) * Column 2, lines 8-37 *	1	
A	--- US-A-3 849 119 (M.J. BRUNO) --- -/-		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27-10-1982	Examiner JACOBS J.J.E.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2												
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A	US-A-3 767 382 (M.J. BRUNO)														

A,D	US-A-4 138 246 (K. BUXMANN)														

A,D	US-A-3 528 801 (L.D. BYLUND)														

A,D	GB-A-2 030 597 (ALCAN)														

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)												
Place of search THE HAGUE		Date of completion of the search 27-10-1982	Examiner JACOBS J.J.E.G.												
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