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54 **Aluminum wettable materials.**

57 A method for rendering an aluminum electrowinning cell component fabricated from an aluminum nonwetable material wettable by molten aluminum, and therefore utilisable within the cell. Under the method, the component is coated with a wetting agent and a solubility suppressor, e.g. titanium and boron, and while the component is immersed in molten aluminum within the cell, the molten aluminum is maintained near saturation with the wetting agent and the solubility suppressor.



European Patent  
Office

# EUROPEAN SEARCH REPORT

0094353

Application number

EP 83 81 0197

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)
A	GB-A-2 065 174 (SWISS ALUMINIUM)		C 25 C 3/08 C 25 C 3/16
A	EP-A-0 033 630 (DIAMOND SHAMROCK)		
A	EP-A-0 042 658 (KAISER ALUMINUM & CHEMICAL)		
A	EP-A-0 021 850 (UNITED STATES BORAX & CHEMICAL)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			C 25 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23-11-1983	Examiner GRUNDKE H.H.
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	