

Title (en)

PROTECTIVE COATING FOR STUDS AND EMERGING PARTS OF PREBAKED ANODES

Publication

**EP 0322326 B1 19920812 (FR)**

Application

**EP 88420430 A 19881221**

Priority

FR 8718452 A 19871222

Abstract (en)

[origin: EP0322326A1] An improvement to the protective coatings against corrosion and oxidation when heated of prebaked anode studs and of the emerging part of these anodes intended for electrolysis cells for the production of aluminium by the Hall-Héroult process, according to Claim 1 of the main patent. The coating consists of a mixture of lime aluminate cement with a low content of interfering impurities, which has an alumina content of at least 70% and of magnesium spinel, these being bound with water, in the following proportions: Lime aluminate cement: 10 - 99.9% Alumina: 0 to 80% Magnesium spinel: 0 to 10% Water: 10 to 80% of the total weight of the solids content.

IPC 1-7

**C25C 3/12**

IPC 8 full level

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CPC (source: EP)

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Cited by

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**EP 0322326 A1 19890628; EP 0322326 B1 19920812**; AU 2742988 A 19890622; AU 610964 B2 19910530; BR 8806778 A 19890829; CA 1340408 C 19990223; DE 3873713 D1 19920917; DE 3873713 T2 19930211; ES 2043877 T3 19940101; IN 169360 B 19910928; IS 1465 B6 19910326; IS 3424 A7 19890623; NO 885645 D0 19881220; NO 885645 L 19890623

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