

Title (en)

ALUMINIUM MATERIAL WITH A HYDROPHILIC SURFACE LAYER, METHOD FOR ITS PRODUCTION AND ITS USE AS A BASE FOR OFFSET PRINTING PLATES

Publication

EP 0089510 B1 19860129 (DE)

Application

EP 83101813 A 19830224

Priority

US 35945582 A 19820318

Abstract (en)

[origin: US4376814A] An aluminum substrate is electrochemically or thermally deposited with a ceramic surface coating comprising an organic acid, such as polyvinyl phosphonic acid, and an alkaline earth silicate or borate.

IPC 1-7

B41N 1/08; C25D 11/04

IPC 8 full level

C23C 22/66 (2006.01); **B41N 1/08** (2006.01); **B41N 3/03** (2006.01)

CPC (source: EP US)

B41N 3/038 (2013.01 - EP US)

Cited by

EP0565006A3; EP0154200A1; EP0497351A1; EP0514312A1; US5514478A; US5614035A; EP0565006A2; WO9509254A1; WO9509384A1; WO2024025330A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4376814 A 19830315; CA 1196840 A 19851119; DE 3361946 D1 19860313; EP 0089510 A1 19830928; EP 0089510 B1 19860129; JP S58171574 A 19831008

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US 35945582 A 19820318; CA 422364 A 19830225; DE 3361946 T 19830224; EP 83101813 A 19830224; JP 4330683 A 19830317