

Title (en)

HYDROPHILIZED SUPPOTT MATERIAL FOR LITHOGRAPHIC PRINTING PLATES, THEIR PRODUCTION AND USE

Publication

**EP 0190643 B1 19900502 (DE)**

Application

**EP 86101090 A 19860128**

Priority

DE 3504331 A 19850208

Abstract (en)

[origin: EP0190643A2] 1. A support material in the form of plates, sheets or webs for offset printing plates, composed of aluminum, which may have been pretreated, or its alloys, carrying on at least one side a hydrophilic coating of a phosphonic acid compound, wherein the hydrophilic coating comprises a) a polymer of acrylamidoisobutylenephosphonic acid or b) a copolymer of acrylamide and acrylamidoisobutylenephosphonic acid or c) a salt of a) or b) with an at least divalent metal cation.

IPC 1-7

**B41N 1/08**

IPC 8 full level

**B41N 1/08** (2006.01); **B41N 3/03** (2006.01); **B41N 3/08** (2006.01)

CPC (source: EP)

**B41N 3/036** (2013.01); **B41N 3/038** (2013.01)

Cited by

US5217813A; EP0626273A1; US5637441A; US2012153424A1; US8741539B2; EP0689096A1; EP0776770A1; EP0689941A1; WO9932303A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0190643 A2 19860813; EP 0190643 A3 19871021; EP 0190643 B1 19900502;** AU 5328086 A 19860814; BR 8600541 A 19861021; CA 1299007 C 19920421; CN 1010897 B 19901219; CN 86101022 A 19860806; DE 3504331 A1 19860814; DE 3670804 D1 19900607; ES 551694 A0 19870516; ES 8705981 A1 19870516; JP S61182988 A 19860815; ZA 86876 B 19860924

DOCDB simple family (application)

**EP 86101090 A 19860128;** AU 5328086 A 19860206; BR 8600541 A 19860207; CA 501187 A 19860205; CN 86101022 A 19860203; DE 3504331 A 19850208; DE 3670804 T 19860128; ES 551694 A 19860206; JP 2426686 A 19860207; ZA 86876 A 19860206