

Title (en)

SUPPORT FOR LITHOGRAPHIC PRINTING PLATES MADE FROM AN ALUMINIUM ALLOY, AND PRINTING PLATE OF THIS MATERIAL

Publication

EP 0170078 B1 19880831 (DE)

Application

EP 85108168 A 19850702

Priority

DE 3425860 A 19840713

Abstract (en)

[origin: ES8607833A1] An aluminum alloy suitable as a base for printing plates consists essentially of aluminum containing iron (Fe) and manganese (Mn), the Fe content being 1.2 to 2.1% by weight, the Mn content being 0.1 to 0.9% by weight and the sum of the Fe and Mn contents being 1.3 to 2.2% by weight. A printing plate can be produced with such a base, the base being mechanically, chemically and/or electrochemically roughened and if required, anodically oxidized and hydrophilized. The printing plate includes at least one radiation-sensitive reproduction layer applied on the base.

IPC 1-7

C22C 21/00; **B41N 1/08**

IPC 8 full level

B41C 3/00 (2006.01); **B41N 1/04** (2006.01); **B41N 1/08** (2006.01); **C22C 21/00** (2006.01); **G03F 7/00** (2006.01); **G03F 7/09** (2006.01)

CPC (source: EP US)

B41N 1/083 (2013.01 - EP US); **C22C 21/00** (2013.01 - EP US)

Cited by

GB2191879A; EP0223737B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0170078 A1 19860205; **EP 0170078 B1 19880831**; AT E36872 T1 19880915; AU 4472485 A 19860116; AU 571983 B2 19880428; BR 8503340 A 19860408; DE 3425860 A1 19860116; DE 3564701 D1 19881006; ES 545166 A0 19860601; ES 8607833 A1 19860601; FI 852747 A0 19850711; FI 852747 L 19860114; JP S6135995 A 19860220; US 4672022 A 19870609; ZA 855195 B 19860226

DOCDB simple family (application)

EP 85108168 A 19850702; AT 85108168 T 19850702; AU 4472485 A 19850709; BR 8503340 A 19850712; DE 3425860 A 19840713; DE 3564701 T 19850702; ES 545166 A 19850712; FI 852747 A 19850711; JP 15258285 A 19850712; US 75313385 A 19850709; ZA 855195 A 19850710