

Title (en)

Processless printing plate with low ratio of anorganic pigment over hardener

Title (de)

Verarbeitungsfreie Flachdruckplatte mit niedrigem anorganisches Pigment/Härter Verhältnis

Title (fr)

Plaque d'impression lithographique sans traitement avec un faible rapport pigment inorganique/durcisseur

Publication

EP 1065053 B1 20040204 (EN)

Application

EP 99202112 A 19990629

Priority

EP 99202112 A 19990629

Abstract (en)

[origin: EP1065053A1] According to the present invention there is provided a heat-sensitive material for making lithographic plates comprising in the order given on a support an IR-sensitive oleophilic layer and a cross-linked hydrophilic layer comprising an anorganic pigment and a hardener, characterized in that the ratio of said anorganic pigment over the hardener is comprised between 75/25 and 25/75 by weight.

IPC 1-7

B41C 1/10

IPC 8 full level

G03F 7/004 (2006.01); **B41C 1/055** (2006.01); **B41C 1/10** (2006.01); **B41N 1/14** (2006.01); **G03F 7/00** (2006.01); **G03F 7/11** (2006.01)

CPC (source: EP)

B41C 1/1016 (2013.01); **B41C 1/1041** (2013.01); **B41C 2210/04** (2013.01); **B41C 2210/08** (2013.01); **B41C 2210/14** (2013.01);
B41C 2210/20 (2013.01); **B41C 2210/24** (2013.01)

Cited by

US6720130B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1065053 A1 20010103; EP 1065053 B1 20040204; DE 69914589 D1 20040311; DE 69914589 T2 20041216; JP 2001039046 A 20010213

DOCDB simple family (application)

EP 99202112 A 19990629; DE 69914589 T 19990629; JP 2000191223 A 20000626