

Title (en)
Processless lithographic printing plate

Title (de)
Verarbeitungsfreie Flachdruckplatte

Title (fr)
Plaque d'impression lithographique sans traitement

Publication
EP 1208974 B1 20070613 (EN)

Application
EP 01000543 A 20011018

Priority
• EP 01000543 A 20011018
• EP 00204091 A 20001121

Abstract (en)
[origin: EP1208974A2] A negative-working heat-sensitive material for making a lithographic printing plate by direct-to-plate recording is disclosed. The material comprises in the order given a lithographic base having a hydrophilic surface, an oleophilic imaging layer and a cross-linked hydrophilic upper layer which comprises an organic compound derived from sulfonic acid, sulfuric acid, phosphoric acid or phosphonic acid. Materials according to the invention are characterized by an increased water-acceptance in the non-printing areas, which allows a rapid start-up of the press.

IPC 8 full level
B41C 1/10 (2006.01)

CPC (source: EP)
B41C 1/1041 (2013.01); **B41C 1/10** (2013.01)

Cited by
US7247418B2; WO2007064527A1; WO2004042114A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1208974 A2 20020529; EP 1208974 A3 20030212; EP 1208974 B1 20070613

DOCDB simple family (application)
EP 01000543 A 20011018