

Title (en)

PHOTOSENSITIVE RESIN COMPOSITION FOR FLEXOGRAPHIC PRINTING PLATES

Title (de)

LICHTEMPFLINDLICHE HARZZUSAMMENSETZUNG FÜR FLEXOGRAPHISCHE DRUCKPLATTEN

Title (fr)

COMPOSITION DE RESINE PHOTOSENSIBLE DESTINEE A DES PLAQUES FLEXOGRAPHIQUES

Publication

**EP 1323004 A1 20030702 (EN)**

Application

**EP 01959539 A 20010802**

Priority

- US 0124547 W 20010802
- US 65174600 A 20000830

Abstract (en)

[origin: WO0219035A1] A photosensitive resin, process for its use, and tack-free printing plates formed thereby are disclosed wherein the photosensitive resin comprises (i) polyurethane prepolymer, (ii) ethylenically unsaturated monomer, (iii) photoinitiator and (iv) a tack-reducing additive selected from the group consisting of aromatic carboxylic acids, aromatic carboxylic acid esters, polyunsaturated carboxylic acids, polyunsaturated carboxylic acid esters, and mixture thereof.

IPC 1-7

**G03F 7/028**; G03F 7/213; G03F 7/30; G03F 7/40; G03C 1/73

IPC 8 full level

**G03F 7/004** (2006.01); **C08F 2/44** (2006.01); **C08F 290/06** (2006.01); **G03F 7/00** (2006.01); **G03F 7/027** (2006.01); **G03F 7/035** (2006.01); **G03F 7/40** (2006.01)

CPC (source: EP)

**G03F 7/035** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 0219035 A1 20020307**; AU 8108501 A 20020313; EP 1323004 A1 20030702; EP 1323004 A4 20050608; JP 2004514159 A 20040513; TW 588216 B 20040521

DOCDB simple family (application)

**US 0124547 W 20010802**; AU 8108501 A 20010802; EP 01959539 A 20010802; JP 2002523094 A 20010802; TW 90121296 A 20010829