

Title (en)

Electrophotographic printing plate precursor.

Title (de)

Elektrophotographische Druckplattenvorstufe.

Title (fr)

Précurseur électrophotographique de plaque d'impression.

Publication

EP 0456268 A2 19911113 (EN)

Application

EP 91107653 A 19910510

Priority

JP 12274490 A 19900511

Abstract (en)

The present invention provides an electrophotographic printing plate precursor wherein the binder resin contained in the photoconductive layer is formed of a copolymer containing at least one monomeric component represented by the following formula (I) and at least one monomeric component having an acidic functional group copolymerizable with said first monomeric component, said copolymer having an acidic functional group bonded to one terminal of its main chain and having a weight-average molecular weight lying in the range of 1×10^3 to 1×10^4 , whereby its response speed and sensitivity to etching can be improved with elimination of fogging problems. <CHEM> wherein R stands for an aliphatic or aryl group.

IPC 1-7

G03G 5/05

IPC 8 full level

C08F 20/00 (2006.01); **C08F 20/12** (2006.01); **G03G 5/05** (2006.01); **G03G 13/26** (2006.01); **G03G 13/28** (2006.01)

CPC (source: EP)

G03G 5/0589 (2013.01); **G03G 5/0592** (2013.01)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0456268 A2 19911113; **EP 0456268 A3 19920527**; JP 2618518 B2 19970611; JP H0418565 A 19920122

DOCDB simple family (application)

EP 91107653 A 19910510; JP 12274490 A 19900511