

Title (en)

An electrophotographic lithographic printing plate precursor.

Title (de)

Elektrophotographische Flachdruckform-Vorstufe.

Title (fr)

Précurseur électrophotographique de plaque d'impression lithographique.

Publication

**EP 0425223 A1 19910502 (EN)**

Application

**EP 90311567 A 19901022**

Priority

- JP 27721889 A 19891026
- JP 29001689 A 19891109

Abstract (en)

An electrophotographic lithographic printing plate precursor, in which the effect by the hydrophilic property of non-image areas is further improved, and which is stable during storage even under very severe conditions and capable of readily realizing the hydrophilic property in a short time during processing of rendering hydrophilic is provided, which utilizes an electrophotographic photoreceptor comprising a conductive support having provided thereon at least one photoconductive layer and further having provided thereon a surface layer as an outermost layer, wherein said surface layer comprises at least one resin containing at least one polymeric component having at least one of formyl group and functional groups represented by the following General Formula (I): <CHEM> wherein R1 and R2 each represent, same or different, hydrocarbon groups or R1 and R2 are organic residual radicals which are combined with each other to form a ring.

IPC 1-7

**G03G 5/147**; **G03G 13/28**

IPC 8 full level

**G03G 5/147** (2006.01)

CPC (source: EP)

**G03G 5/14786** (2013.01); **G03G 5/14791** (2013.01)

Citation (search report)

- [A] EP 0284748 A2 19881005 - FUJI PHOTO FILM CO LTD [JP]
- [A] DE 2533371 A1 19760205 - CANON KK
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 15 (P-989)(3958) 12 January 1990, & JP-A-1 262556 (FUJI PHOTO FILM CO.,LTD.) 19 October 1989,

Cited by

JP2013241627A; JP2012502129A

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0425223 A1 19910502**

DOCDB simple family (application)

**EP 90311567 A 19901022**