

Title (en)

A method for manufacturing an electrophotographic organic photoconductor.

Title (de)

Verfahren zur Herstellung eines elektrophotographischen, organischen Photoleiters.

Title (fr)

Procédé de fabrication d'un photoconducteur organique électrophotographique.

Publication

EP 0420580 A2 19910403 (EN)

Application

EP 90310488 A 19900925

Priority

- JP 25290089 A 19890927
- JP 25290189 A 19890927
- JP 25657389 A 19890929

Abstract (en)

A method for manufacturing an electrophotographic organic photoconductor is disclosed which comprises the steps of forming on the surface of a conductive base a charge transport layer consisting of a first resin composition and forming on the surface of the charge transport layer a charge generating layer consisting of a second resin composition. In this method, the step of forming the charge transport layer includes the application of a charge transport layer coating solution containing the first resin composition and a solvent onto the surface of the conductive base for the formation of a layer of the coating solution and the heat treatment of the coating solution layer at a temperature higher than the glass-transition temperature (T_g) of the first resin composition and lower than the melt-starting temperature of the first resin composition.

IPC 1-7

G03G 5/047; **G03G 5/05**

IPC 8 full level

G03G 5/047 (2006.01); **G03G 5/05** (2006.01)

CPC (source: EP KR)

G03G 5/047 (2013.01 - EP); **G03G 5/0525** (2013.01 - EP); **G03G 5/06** (2013.01 - KR)

Cited by

EP0697633A3; US7767374B2; EP1146396A3; US6444385B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0420580 A2 19910403; **EP 0420580 A3 19910424**; KR 910006787 A 19910430

DOCDB simple family (application)

EP 90310488 A 19900925; KR 900015256 A 19900926