

Title (en)
ELECTROPHOTOGRAPHIC PHOTSENSITIVE MEMBER, ELECTROPHOTOGRAPHIC APPARATUS, PROCESS CARTRIDGE, AND
CONDENSED POLYCYCLIC AROMATIC COMPOUND

Title (de)
ELEKTROPHOTOGRAPHISCHES LICHTEMPFINDLICHES ELEMENT, ELEKTROPHOTOGRAPHISCHE VORRICHTUNG,
PROZESSKARTUSCHE UND KONDENSIERTE POLYZYKLISCHE AROMATISCHE VERBINDUNG

Title (fr)
ÉLÉMENT PHOTSENSIBLE ÉLECTROPHOTOGRAPHIQUE, APPAREIL ÉLECTROPHOTOGRAPHIQUE, CARTOUCHE DE TRAITEMENT ET
COMPOSÉ AROMATIQUE POLYCYCLIQUE CONDENSÉ

Publication
EP 2790059 A2 20141015 (EN)

Application
EP 14000813 A 20140307

Previously filed application
14000720 20140228 EP

Priority

- JP 2013045698 A 20130307
- JP 2014032154 A 20140221
- EP 14000720 A 20140228
- EP 14000813 A 20140307

Abstract (en)
A surface layer of an electrophotographic photosensitive member contains a polymerized product obtained by a polymerization reaction of a hole transporting compound having a first reactive functional group and a compound having a second reactive functional group reactable with the first reactive functional group, and a structure other than the first reactive functional group of the hole transporting compound is a structure having only a carbon atom and a hydrogen atom, or a structure having only a carbon atom, a hydrogen atom and an oxygen atom.

IPC 8 full level
G03G 5/06 (2006.01); **G03G 5/07** (2006.01); **G03G 5/147** (2006.01)

CPC (source: EP US)
G03G 5/0601 (2013.01 - EP); **G03G 5/0605** (2013.01 - EP); **G03G 5/0607** (2013.01 - EP); **G03G 5/0609** (2013.01 - EP);
G03G 5/075 (2013.01 - EP); **G03G 5/076** (2013.01 - EP US); **G03G 5/14708** (2013.01 - EP); **G03G 5/14747** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2790059 A2 20141015; EP 2790059 A3 20141224; EP 2790059 A8 20141210; EP 2790059 B1 20170111

DOCDB simple family (application)
EP 14000813 A 20140307