

Title (en)

Electrophotographic photosensitive member, method for producing the same, process cartridge, and electrophotographic apparatus

Title (de)

Elektrofotografisches lichtempfindliches Element, Herstellungsverfahren dafür, Prozesskartusche und elektrofotografische Vorrichtung

Title (fr)

Élément photosensible électrophotographique, son procédé de production, cartouche de traitement et appareil électrophotographique

Publication

EP 2328032 A3 20120815 (EN)

Application

EP 10186596 A 20101005

Priority

JP 2009270098 A 20091127

Abstract (en)

[origin: EP2328032A2] According to aspects of the present invention, an electrophotographic photosensitive member (1) includes a surface layer comprising a cured resin obtained by polymerizing a compound having at least one polymerizable functional group. Aspects of the present invention provide an electrophotographic photosensitive member whose surface layer comprises a compound (urea derivative) having a certain structure, a method for producing the electrophotographic photosensitive member, and a process cartridge (11) and an electrophotographic apparatus including the electrophotographic photosensitive member.

IPC 8 full level

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G03G 5/14734 (2013.01 - EP); **G03G 5/14791** (2013.01 - EP)

Citation (search report)

- [A] US 4444863 A 19840424 - SANO KENJI [JP], et al
- [A] EP 0964309 A1 19991215 - CANON KK [JP]

Cited by

EP2527922A1; CN107765516A; US8859172B2; US8859174B2; US8962227B2

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