

Title (en)

Electrophotographic imaging member.

Title (de)

Elektrophotographisches Bilderzeugungselement.

Title (fr)

Élément de formation d'images par voie électrophotographique.

Publication

EP 0448780 A1 19911002 (EN)

Application

EP 90120917 A 19901031

Priority

US 45891689 A 19891229

Abstract (en)

An electrophotographic imaging member containing a supporting substrate having an electrically conductive surface, a charge blocking layer including a vinyl hydroxy ester or vinyl hydroxy amide polymer and at least one photoconductive layer, the charge blocking layer having a surface resistivity greater than about 10^{10} ohm/sq. This imaging member may be employed in an electrostatographic imaging process.

IPC 1-7

G03G 5/14

IPC 8 full level

G03G 5/14 (2006.01)

CPC (source: EP)

G03G 5/142 (2013.01)

Citation (search report)

- [X] US 4822705 A 19890418 - FUKAGAI TOSHIO [JP], et al
- [X] DE 3006740 A1 19800904 - KONISHIROKU PHOTO IND
- [X] DE 3325443 A1 19840119 - FUJI PHOTO FILM CO LTD [JP]
- [X] DE 2551018 A1 19760812 - KONISHIROKU PHOTO IND
- [X] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 274 (P-241)[1419], 7th December 1983; & JP-A-58 152 253 (CANON K.K.) 09-09-1983
- [X] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 162 (P-859)[3510], 19th April 1989; & JP-A-63 318 566 (RICOH CO., LTD) 27-12-1988

Cited by

US5858592A; EP0645682A3; US5701571A; GB2262994A; US5244762A; GB2262994B; WO2007109274A3

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