

Title (en)
LAMINATE TYPE PHOTSENSITIVE MATERIAL FOR ELECTROPHOTOGRAPHY

Publication
EP 0397146 A3 19910424 (EN)

Application
EP 90108738 A 19900509

Priority
• JP 11430889 A 19890509
• JP 31364589 A 19891130

Abstract (en)
[origin: EP0397146A2] Disclosed is a laminate type photosensitive material for the electrophotography, which comprises a charge-generating layer and a charge-transporting layer, which are formed on an electroconductive substrate, wherein the charge-transporting layer comprises a first charge-transporting material having an ionization potential smaller than that of a charge-generating material used for the charge-generating layer and a second charge-transporting material having an ionization potential larger than that of the charge-generating material. In this photosensitive material, by using a charge-transporting material having an ionization potential larger than that of the charge-generating material in combination with the charge-transporting material having an ionization potential smaller than that of the charge-generating material, a good residual potential can be maintained without disturbing injection of holes in the charge-transporting layer, the stability of the surface potential at the repeated use is improved and a good charging capacity can be attained.

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G03G 5/047

IPC 8 full level
G03G 5/047 (2006.01)

CPC (source: EP KR)
G03G 5/00 (2013.01 - KR); **G03G 5/047** (2013.01 - EP)

Citation (search report)
• [A] DE 3141049 A1 19820603 - KONISHIROKU PHOTO IND [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 132 (P-456)(2189) 16 May 1986, & JP-A-60 254044 (TOSHIBA K.K.) 14 December 1985,
• [A] PATENT ABSTRACTS OF JAPAN vol. 07, no. 238 (P-231)(1383) 22 October 1983, & JP-A-58 125044 (RICOH K.K.) 25 July 1983,
• [A] PATENT ABSTRACTS OF JAPAN vol. 07, no. 238 (P-231)(1383) 22 October 1983, & JP-A-58 123546 (RICOH K.K.) 22 July 1983,
• [A] PATENT ABSTRACTS OF JAPAN vol. 07, no. 210 (P-223)(1355) 16 September 1983, & JP-A-58 105234 (KONISHIROKU SHASHIN KOGYO K.K.) 23 June 1983,
• [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 494 (P-805)(3341) 23 December 1988, & JP-A-63 205659 (HITACHI CHEM. CO., LTD.) 25 August 1988,

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