

Title (en)
Photoconductor for electrophotography.

Title (de)
Photoleitfähiger Material für Elektrophotographie.

Title (fr)
Photoconducteur pour électrophotographie.

Publication
EP 0501455 A1 19920902 (EN)

Application
EP 92103281 A 19920226

Priority
JP 3114991 A 19910227

Abstract (en)
The photoconductor for electrophotography (1) comprises an electroconductive substrate (2) and a photosensitive layer (3) formed on the substrate. The photosensitive layer (3) comprises a charge generating layer (3a) and a charge transporting layer (3b) laminated one on another. The charge generating layer (3a) contains an organic pigment and a polyether ketone represented by general formula (I) below as the binder resin. <CHEM> wherein X is a group selected from the class consisting of: <CHEM> m is 0 or 1; and n is a positive integer. <IMAGE>

IPC 1-7
G03G 5/05

IPC 8 full level
C08K 5/08 (2006.01); **C08K 5/34** (2006.01); **C08L 71/08** (2006.01); **C08L 71/10** (2006.01); **G03G 5/05** (2006.01)

CPC (source: EP)
G03G 5/0567 (2013.01); **G03G 5/0582** (2013.01)

Citation (search report)

- [Y] EP 0104088 A2 19840328 - XEROX CORP [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 14, no. 158 (P-1027)(4101) 27 March 1990 & JP-A-2 013 961 (IDEMITSU KOSAN) 18 January 1990
- [X] PATENT ABSTRACTS OF JAPAN vol. 13, no. 73 (P-830)(3421) 20 February 1989 & JP-A-63 259 668 (ASAHI) 26 October 1988
- [XD] PATENT ABSTRACTS OF JAPAN vol. 13, no. 57 (P-825)(3405) 9 February 1989 & JP-A-63 247 757 (ASAHI) 14 October 1988
- [XD] PATENT ABSTRACTS OF JAPAN vol. 13, no. 440 (P-940)4 October 1989 & JP-A-1 169 456 (ASAHI) 4 July 1989
- [XD] PATENT ABSTRACTS OF JAPAN vol. 12, no. 295 (P-743)11 August 1988 & JP-A-63 070 256 (ASAHI) 30 March 1988
- [YD] PATENT ABSTRACTS OF JAPAN vol. 13, no. 138 (P-852)(3486) 6 April 1989 & JP-A-63 305 362 (FUJI) 13 December 1988

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EP1247142A4; EP0918257A3; EP0918258A3; US6350553B2; US6232025B1

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