

Title (en)
Electrophotographic recording material.

Title (de)
Elektrophotographisches Aufzeichnungsmaterial.

Title (fr)
Matériau d'enregistrement électrophotographique.

Publication
EP 0402979 A1 19901219 (EN)

Application
EP 90201422 A 19900605

Priority
EP 89201573 A 19890616

Abstract (en)
An electrophotographic recording material which comprises on an electrically conductive support a positively chargeable photoconductive recording layer free from n-type charge transport material, which layer contains in an electrically insulating organic polymeric binder material photoconductive p-type pigment material mainly comprising a metal-free phthalocyanine in the chi -form, wherein said layer has a thickness in the range of 4 to 40 μ m and comprises 5 to 40 % by weight of said p-type pigment material in said electrically insulating organic polymeric binder material that has a volume resistivity of at least 10^{10} Ohm-m, and wherein said recording layer in electrostatically charged state requires for 10 % and 90 % discharge respectively exposures to conductivity increasing electromagnetic radiation that differ by a factor 5 or less.

IPC 1-7
G03G 5/06

IPC 8 full level
G03G 5/04 (2006.01); **G03G 5/05** (2006.01); **G03G 5/06** (2006.01)

CPC (source: EP)
G03G 5/0564 (2013.01); **G03G 5/0582** (2013.01); **G03G 5/0596** (2013.01); **G03G 5/0696** (2013.01)

Citation (search report)

- [X] FR 2074539 A5 19711001 - XEROX CORP
- [A] DE 2108963 A1 19720831 - XEROX CORP
- [A] EP 0237953 A2 19870923 - MITSUBISHI CHEM IND [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 401 (P-776)(3248) 25 October 1988, & JP-A-63 142356 (SEIKO EPSON) 14 June 1988,
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