

Title (en)
Electrophotographic recording material.

Title (de)
Elektrophotographisches Aufzeichnungsmaterial.

Title (fr)
Matériau d'enregistrement électrophotographique.

Publication
EP 0040402 A2 19811125 (DE)

Application
EP 81103696 A 19810514

Priority
DE 3019326 A 19800521

Abstract (en)
1. An electrophotographic recording material composed of an electrically conductive layer support and, if appropriate, an insulating interlayer and a photoconductive layer which constitutes at least one layer containing, as the dye which generates charge carriers, a N,N'-substituted perylenetetracarboxylic acid bisimide and photoconductors, binders and conventional additives, wherein the dye present is the dark crystal modification of N,N'-bis-(3-methoxypropyl)- perylenetetracarboxylic acid imide, which modification is identified by the interference at $2\theta = 6.2$ degrees in the X-ray diffraction diagram (Cu-K alpha radiation).

Abstract (de)
Elektrophotographisches Aufzeichnungsmaterial aus leitendem Schichtträger, gegebenenfalls isolierender Zwischenschicht und photoleitfähiger Schicht aus mindestens einer Perylentetracarbonsäurederivat, Photoleiter, Bindemittel und übliche Zusätze enthaltenden Schicht, in welcher die dunkle Kristallmodifikation von N,N'-Bis-(3-methoxy-propyl)perylentetracarbonsäureimid vorhanden ist, die durch Interferenz bei $2\theta = 6,2^\circ$ im Röntgenbeugungsdiagramm (Cu-K α -Strahlung) charakterisiert ist.

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G03G 5/06

IPC 8 full level
C09B 5/62 (2006.01); **G03G 5/06** (2006.01)

CPC (source: EP)
G03G 5/0657 (2013.01)

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DE FR GB NL

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