

Title (en)  
Electrophotographic recording material.

Title (de)  
Elektrophotographisches Aufzeichnungsmaterial.

Title (fr)  
Matériau d'enregistrement électrophotographique.

Publication  
**EP 0046959 A2 19820310 (DE)**

Application  
**EP 81106554 A 19810824**

Priority  
DE 3032774 A 19800830

Abstract (en)  
[origin: US4390609A] An electrophotographic recording material comprising an electrically conductive support, an optional insulating intermediate layer, at least one photoconductive layer comprising a charge carrier generating compound and a charge transporting compound, and a protective transparent cover layer made from a surface abrasion resistant binder composed of a polyurethane resin, polycarbonate resin, phenoxy resin, polyacrylate or polymethacrylate resin, polyurethane formed from a two-component system comprising a polyisocyanate and a hydroxyl group containing polyester or polyether, a polyisocyanate and a hydroxyl group containing acrylic or epoxy resin, polyurethane formed from a one-component system comprising a polyisocyanate prepolymer, or a polyisocyanate having temporarily masked isocyanate groups.

Abstract (de)  
Elektrophotographisches Aufzeichnungsmaterial aus elektrisch leitendem Schichtträger, isolierender Zwischenschicht und mindestens einer photoleitfähigen Schicht enthaltend mindestens eine Ladungsträger erzeugende Verbindung und mindestens eine Ladungen transportierende Verbindung sowie einer schützenden transparenten Deckschicht, aus einem Oberflächen-abriebfesten Bindemittel aus Polyurethan-, Polycarbonat-, Phenoxy-, Polyacrylat- oder Polymethacrylat-Harz, aus Polyisocyanat und Hydroxylgruppen-haltigem Polyester oder -ether, aus Polyisocyanat und Hydroxylgruppen-haltigem Acryl- oder Epoxidharz, oder aus Polyisocyanat-Präpolymer oder Polyisocyanaten mit temporär blockierten Isocyanat-Gruppen.

IPC 1-7  
**G03G 5/14**

IPC 8 full level  
**G03G 5/00** (2006.01); **G03G 5/14** (2006.01); **G03G 5/147** (2006.01)

CPC (source: EP US)  
**G03G 5/14734** (2013.01 - EP US); **G03G 5/14752** (2013.01 - EP US); **G03G 5/14756** (2013.01 - EP US); **G03G 5/1476** (2013.01 - EP US); **G03G 5/14769** (2013.01 - EP US); **G03G 5/14791** (2013.01 - EP US)

Cited by  
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**EP 0046959 A2 19820310**; **EP 0046959 A3 19820728**; **EP 0046959 B1 19851002**; **EP 0046959 B2 19901219**; AU 540031 B2 19841025; AU 7426581 A 19820311; DE 3032774 A1 19820506; DE 3172532 D1 19851107; JP H0363064 B2 19910927; JP S5789764 A 19820604; US 4390609 A 19830628

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