

Title (en)

ELECTROPHOTOGRAPHICAL RECORDING MATERIAL AND METHOD FOR ITS PREPARATION

Publication

**EP 0046958 B1 19840411 (DE)**

Application

**EP 81106553 A 19810824**

Priority

DE 3032773 A 19800830

Abstract (en)

[origin: US4387148A] An electrophotographic recording material comprising an electrically conductive support, a photoconductor layer and an about 1 to about 50  $\mu\text{m}$  thick protective layer comprising a radiation-hardened, crosslinked polyester which is formed from trimethylol propane, adipic acid and acrylic acid and which has a surface resistance ranging from about  $5.5 \times 10^{12}$  to about  $2.5 \times 10^{13}$  ohm and a volume resistivity ranging from about  $7 \times 10^{10}$  to about  $5 \times 10^{13}$  ohm cm, measured at 23 DEG C. and 50 percent relative humidity, and a process for producing such a recording material.

IPC 1-7

**G03G 5/14**

IPC 8 full level

**G03G 5/14** (2006.01); **G03G 5/147** (2006.01)

CPC (source: EP US)

**G03G 5/14752** (2013.01 - EP US); **G03G 5/14791** (2013.01 - EP US); **G03G 5/14795** (2013.01 - EP US)

Cited by

EP1195648A1; EP0690350A3; EP0791860A3; US5376491A; US5527652A; US6562531B2; LT3375B; WO9117485A1

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