

Title (en)
ELECTROPHOTOGRAPHICAL RECORDING MATERIAL

Publication
EP 0324180 A3 19900117 (DE)

Application
EP 88121872 A 19881230

Priority
DE 3800617 A 19880112

Abstract (en)
[origin: EP0324180A2] The invention relates to an electrophotographic recording material of an electrically conductive substrate, which is suitable in particular for the production of printing plates or printed circuits, and a photoconductive layer which contains organic photoconductors, phenol resin as a binder, a sensitiser and conventional additives. An unsubstituted or substituted polyvinylphenol is present as the binder and preferably has a molecular weight between 1,500 and 60,000. <??>The polyvinylphenol may be halogenated, preferably chlorinated. The photoconductive layer may furthermore contain an o-quinonediazide. The recording material has high chargeability, good photosensitivity and excellent solubility behaviour. The material is suitable for the reproduction of small image elements.

IPC 1-7
G03G 5/05

IPC 8 full level
G03G 5/05 (2006.01)

CPC (source: EP US)
G03G 5/0535 (2013.01 - EP US)

Citation (search report)
• [A] EP 0125481 A1 19841121 - HOECHST AG [DE]
• [A] FR 2183748 A1 19731221 - OCE VAN DER GRINTEN NV [NL]
• [AD] DE 1447008 A1 19690123 - KALLE AG

Cited by
EP0470729A1; US6190825B1; EP0720060A1

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EP 0324180 A2 19890719; EP 0324180 A3 19900117; EP 0324180 B1 19930721; DE 3800617 A1 19890720; DE 3882509 D1 19930826; JP H01216362 A 19890830; US 4933248 A 19900612

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