

Title (en)
Processless lithographic printing plate

Title (de)
Verarbeitungsfreie Flachdruckplatte

Title (fr)
Plaque d'impression lithographique sans traitement

Publication
EP 1640175 A1 20060329 (EN)

Application
EP 04104656 A 20040924

Priority
EP 04104656 A 20040924

Abstract (en)
A positive-working, heat-sensitive material for making a lithographic printing plate by direct-to-plate recording is disclosed. The material comprises a hydrophobized grained and anodized aluminium support and a layer comprising a compound capable of converting light into heat provided onto said support, said support being obtainable by RF plasma treatment of a grained and anodized aluminium support in the presence of a fluorine containing gas.

IPC 8 full level
B41N 3/03 (2006.01)

CPC (source: EP)
B41N 3/032 (2013.01)

Citation (applicant)

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- EP 0823327 A2 19980211 - MITSUBISHI CHEM CORP [JP]
- EP 0825927 A1 19980304 - HORSELL GRAPHIC IND LTD [GB]
- US 5855173 A 19990105 - CHATTERJEE DILIP KUMAR [US], et al
- US 5839369 A 19981124 - CHATTERJEE DILIP K [US], et al
- US 5839370 A 19981124 - CHATTERJEE DILIP K [US], et al
- US 5870956 A 19990216 - GHOSH SYAMAL KUMAR [US], et al
- EP 0903223 A1 19990324 - FUJI PHOTO FILM CO LTD [JP]

Citation (search report)

- [AD] EP 0901902 A2 19990317 - FUJI PHOTO FILM CO LTD [JP]
- [A] DATABASE WPI Week 197806, Derwent World Patents Index; AN 1978-11036A, XP002319394, "Modifying surface properties of printing plates by subjecting the finished plate to gas plasma treatment"

Designated contracting state (EPC)
DE FR GB

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