

Title (en)

Heat-sensitive lithographic printing plate precursor

Title (de)

Wärmeempfindlicher lithographischer Druckplattenvorläufer

Title (fr)

Précurseur de plaque d'impression lithographique sensible à la chaleur

Publication

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Application

EP 02102350 A 20020911

Priority

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- EP 01203681 A 20010927

Abstract (en)

A heat-sensitive lithographic printing plate precursor is disclosed comprising a polymer which is soluble in an aqueous alkaline solution and which comprises at least one chromophoric moiety having a light absorption maximum in the wavelength range between 400 and 780 nm. Such materials show no dye stain after processing in areas where the coating has been removed by an alkaline developer.

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IPC 8 full level

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Citation (applicant)

- US 6124425 A 20000926 - NGUYEN MY T [CA]
- EP 0934822 A1 19990811 - MITSUBISHI CHEM CORP [JP]
- GB 1084070 A 19670920 - KALLE AG [DE]
- DE 4423140 A1 19960104 - HOECHST AG [DE]
- DE 4417907 A1 19951123 - HOECHST AG [DE]
- EP 0659909 A1 19950628 - HOECHST AG [DE]
- EP 0537633 A1 19930421 - HOECHST AG [DE]
- DE 4001466 A1 19910725 - HOECHST AG [DE]

Cited by

EP1738921A1; EP1506858A3; EP1655317A1; AU2005303956B2; KR101247655B1; EP1506858A2; US7582407B2; US7425402B2; WO2009008961A1; WO2006050937A1; US8632947B2; EP2955198A1; WO2015189092A1; US10227423B2

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