

Title (en)

Negative working, heat-sensitive lithographic printing plate precursor

Title (de)

Negativ arbeitende wärmeempfindlicher lithographischer Druckplattenvorläufer

Title (fr)

Précurseur de plaque d'impression lithographique, sensible à la chaleur et travaillant en négatif

Publication

**EP 1604818 B1 20070425 (EN)**

Application

**EP 04102654 A 20040611**

Priority

EP 04102654 A 20040611

Abstract (en)

[origin: EP1604818A1] A negative-working lithographic printing plate precursor is disclosed comprising on a support having a hydrophilic surface or which is provided with a hydrophilic layer, a coating comprising an infrared absorbing agent, a first layer comprising an aqueous dispersion comprising hydrophobic thermoplastic polymer particles and a first hydrophobic binder, and a second layer located between said first layer and said support which comprises a second hydrophobic binder, characterized in that said first hydrophobic binder is a phenolic resin and said second hydrophobic binder is a polymer comprising at least one sulphonamide group.

IPC 8 full level

**B41C 1/10** (2006.01)

CPC (source: EP)

**B41C 1/1025** (2013.01); **B41C 2201/02** (2013.01); **B41C 2201/14** (2013.01); **B41C 2210/04** (2013.01); **B41C 2210/06** (2013.01); **B41C 2210/22** (2013.01); **B41C 2210/24** (2013.01); **B41C 2210/262** (2013.01)

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