

Title (en)
Process for Digital Lithographic Printing

Title (de)
Verfahren für digitalen Lithographiedruck

Title (fr)
Procédé pour l'impression lithographique digitale

Publication
EP 2586622 B1 20140917 (EN)

Application
EP 12190034 A 20121025

Priority
US 201113284114 A 20111028

Abstract (en)
[origin: EP2586622A2] Different solvents for a dampening fluid are disclosed. The solvent is a volatile hydrofluoroether liquid or a volatile silicone liquid. Such liquids have a lower heat of vaporization, a lower surface tension, and better kinematic viscosity compared to water, which is the conventional solvent used in dampening fluids. The dampening fluids, which are relatively nonpolar, can be used in a combination with polar inks to form a new type of digital lithographic printing system.

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP2703179A3; US8919252B2

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