

Title (en)

Process and device for structuring a surface into hydrophilic and hydrophobic regions

Title (de)

Verfahren und Vorrichtung zur Strukturierung einer Oberfläche in hydrophile und hydrophobe Bereiche

Title (fr)

Méthode et dispositif de structuration d'une surface en zones hydrophiles ou hydrophobes

Publication

EP 1279518 A3 20031105 (DE)

Application

EP 02014819 A 20020703

Priority

DE 10136068 A 20010725

Abstract (en)

[origin: EP1279518A2] A process for structuring a surface (10) with at least one layer (12) having a polymer, and hydrophobic and hydrophilic regions, obtained (sic) by production of a latent structure in the first layer (12) via a coordinated (sic) modification device (16), with addition of a gaseous volatile solvent as modification agent over at least one working time interval to a local limited region of surface (10). <??>A process for structuring a surface (10) with at least one layer (12) having a polymer, and hydrophobic and hydrophilic regions, obtained (sic) by production of a latent structure in the first layer (12) via a coordinated (sic) modification device (16), for production of a type-form (10) for offset printing, with selective addition of a gaseous volatile solvent as modification agent over at least one working time interval to a local limited region of surface (10). <??>Independent claims are included for: <??>(1) A device for structuring the surface (12) as described above; <??>(2) A type-form illuminator having at least one structuring device; <??>(3) Printing equipment having at least one structuring device; <??>(4) A printing machine.

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Citation (search report)

- [A] EP 1046497 A1 20001025 - AGFA GEVAERT NV [BE]
- [A] EP 0503621 A1 19920916 - NIPPON PAINT CO LTD [JP]
- [A] EP 1084863 A1 20010321 - MITSUBISHI HEAVY IND LTD [JP]

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