

Title (en)

WEAR RESISTANT IMAGE PRINTING ON LATEX SURFACES

Title (de)

ABRIEBFESTER BILDDRUCK AUF LATEXOBERFLÄCHEN

Title (fr)

IMPRESSION D'IMAGE RESISTANT A L'USURE SUR DES SURFACES EN LATEX

Publication

EP 0802953 A2 19971029 (EN)

Application

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Priority

- US 9600163 W 19960105
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Abstract (en)

[origin: WO9621701A2] There is provided a method and novel formulations for printing images on a latex rubber surface. An ink containing natural or synthetic rubber, a pigment dispersion, and an aromatically unsaturated solvent medium for said rubber is used. The stability of the image is improved providing to the rubber molecules of the ink, an agent, such as an aryl diisocyanate, that will form a tough, flexible, chemically resistant matrix between the rubber molecules of the ink, the base coat, where present and the latex surface. A base coat may be used upon the latex surface to anchor the printing ink thereto. This base coat can comprise a natural rubber in an aromatically unsaturated solvent and may also contain the aryl diisocyanate. The method may be improved by certain post printing steps such as heating and curing the printed product.

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C09D 11/02

IPC 8 full level

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