

Title (en)

Method for producing a chemical resistant protective layer for a rotary body comprising a fibrous reinforcement and a rotary body

Title (de)

Verfahren zur Herstellung einer chemikalienbeständigen Schutzschicht für Rotationskörper aus faserverstärktem Kunststoff und ein Rotationskörper

Title (fr)

Procédé pour la fabrication d'une couche protectrice pour un corps rotative comprenant une armature fibreuse et un corps rotative

Publication

EP 1264708 B1 20080730 (DE)

Application

EP 02012208 A 20020604

Priority

DE 10127908 A 20010608

Abstract (en)

[origin: EP1264708A2] Preparation of a chemically resistant protective coating for a solid of revolution with a base body comprising fiber-reinforced plastics, especially for printing press roll bodies, involving application of hard rubber or thermoplastic coating containing 5-80 vol.% of metal or ceramic to the resultant smooth base, and application of a functional layer of metal and/or plastic to the ground surface containing dispersed particles, preferably by hot spraying is new. <??>An Independent claim is included for a solid of revolution, e.g. a sleeve, with a fiber reinforced plastics base carrying a chemically resistant intermediate hard rubber or thermoplastic coating, with 5-80 vol.% of a metal- or ceramic dispersion, and coated with a metal and/or ceramic functional coating applied by a special printing technique.

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102005050045B3; DE102011077735A1; DE102011077735B4; CH708303A1; CN104846311A; CN110421242A; US10160196B2; WO2011057614A1; WO2015003281A1; WO2016170056A1; US11745467B2; WO2009112368A3

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