

Title (en)

HAND ROLLER DEVICE FOR REMOVING OR RECEIVING OR APPLYING LIQUIDS FROM OR TO BASES OR FOR CLEANING BASES

Title (de)

HANDROLLENVORRICHTUNG ZUM ENTFERNEN ODER AUFNEHMEN ODER AUFTRAGEN VON FLÜSSIGKEITEN VON
BEZIEHUNGSWEISE AUF UNTERGRÜNDE ODER PUTZEN VON UNTERGRÜNDE

Title (fr)

DISPOSITIF ROULEAU A MAIN POUR ENLEVER, RECEVOIR OU APPLIQUER DES LIQUIDES PROVENANT DE FONDS OU SE TROUVANT
SUR DES FONDS OU POUR NETTOYER DES FONDS

Publication

EP 1494570 B1 20061213 (DE)

Application

EP 03718647 A 20030405

Priority

- DE 0301122 W 20030405
- DE 10217445 A 20020418

Abstract (en)

[origin: WO03086165A1] A hand roller device (100) for removing and/or receiving and/or applying liquids such as water, colour or similar, from or to bases and/or cleaning bases, comprising a stem-type profiled area (12), a shaft-type profiled area (16), a deflector profiled area (14) extending between the stem-type profiled area (12) and the shaft-type profiled area (16), in addition to a roller device (20) rotatably mounted on the shaft-type profiled area, characterized in that the shaft-type profiled area (16) is surrounded by an elastic sponge body (60) extending in a longitudinal direction of the shaft; a first rotor element is arranged internally in the shaft-type profiled area (16) in the transition area between the shaft-type profiled area (16) and the deflector profiled area (14), whereby a second rotor unit (26), which is provided on the first outer front face of the roller device (20) facing the first rotor unit (22), is rotatably mounted such that it is longitudinally displaceable on the shaft-type profiled area; a flexible traction device (70) acting upon the second rotor unit and being arranged inside the shaft-type profiled area (16), the connecting profiled area (14) and the stem-type profiled area (12), whereupon an axial longitudinal displacement of the second rotor unit (26) is produced during the impingement thereof by means of a displacement unit (96.1) or a unit, whereupon the sponge body (60) is axially compressed.

IPC 8 full level

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CPC (source: EP US)

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B44D 3/16 (2013.01 - EP US)

Cited by

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