Title (en)

DEVICE FOR APPLYING A LIQUID ONTO A MOVING SUBSTRATE AND METHOD FOR IMPLEMENTING SAID DEVICE

Title (de)

VORRICHTUNG ZUM AUFTRAGEN EINER FLÜSSIGKEIT AUF EIN BEWEGLICHES SUBSTRAT UND VERFAHREN ZUR IMPLEMENTIERUNG DER VORRICHTUNG

Title (fr)

DISPOSITIF POUR APPLIQUER UN LIQUIDE SUR UN SUBSTRAT EN MOUVEMENT ET PROCÉDÉ POUR LA MISE EN OEUVRE DUDIT DISPOSITIF

Publication

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Application

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Abstract (en)

[origin: WO2013063708A1] The invention relates to a device for applying a liquid, in particular water, onto a moving substrate, comprising a series of rotors attached on a carrier beam (26). Said rotors include rotary discs (7, 8) that spray the liquid onto said substrate through openings formed in a plate (21) arranged between said discs and the substrate. Each rotor comprises liquid supply means (25, 27) for the discs. The device comprises a casing (20) in which the carrier beam and the rotors are arranged. Each rotor comprises a vertical axle (17) on which two flexible and planar discs (7, 8) are mounted, which disks rotate in opposite directions. The rotors are mounted on the beam as a series of identical groups that include three rotors (17, 17', 17"), the arrangement being such that there are always two discs rotating in opposite directions and partially overlapping.

IPC 8 full level

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