Title (en)

DOCTOR BLADE SYSTEM FOR A PRINTING UNIT, INTENDED FOR AN INTAGLIO PRINTING MACHINE

Title (de)

RAKELSYSTEM FÜR DRUCKEINHEIT FÜR EINE TIEFDRUCKMASCHINE

Title (fr)

SYSTEME DE RACLE POUR GROUPE IMPRIMEUR DESTINE A UNE MACHINE D'IMPRESSION EN HELIOGRAVURE

Publication

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Application

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Abstract (en)

[origin: WO2008141694A1] A doctor blade system, intended for a printing unit (2, 3), comprising a doctor blade holder (18) provided with a blade (17), one edge (22) of the blade (17) being capable of coming into contact with a peripheral surface of an engraved cylinder (11), a carrier hub (19) on which the doctor blade holder (18) is mounted, a structure (21) for fastening the carrier hub (19) to a frame (6) of the printing unit (2, 3), means for providing the blade (17) with a to-and-fro movement (B) at the peripheral surface of the engraved cylinder (11), in a direction approximately parallel to the axis of revolution (0) of said engraved cylinder (11), and one or more thrusting elements, causing the blade (17) to move in the direction of said peripheral surface of said engraved cylinder (11). The means for providing the blade (17) with a to-and-fro movement (B) drives the doctor blade holder (18), provided with the blade (17), directly, and the thrusting element or elements bear on the structure (21) and move the carrier hub (19) and the doctor blade holder (18), provided with the blade (17), so as to maintain constant contact over the entire length of the edge (22) of the blade (17) with the peripheral surface of the engraved cylinder (11).

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