Title (en)
Device for cleaning the rubber-covered cylinders of printing machines.

Title (de)
Reinigungsvorrichtung für Gummituchzylinder einer Druckmaschine.

Title (fr)
Dispositif pour nettoyer les cylindres blanchets d'une machine à imprimer.

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Application
EP 94111126 A 19940718

Priority
IT BO930332 A 19930727

Abstract (en)
The device according to the invention comprises a presser which acts on the printing cylinder (R) with the interposition of a strong membrane (4) of elastomeric material, securely fixed, at least with its longitudinal edges, to corresponding supports of the presser bar (1). During the active phase of the operation of the presser, the membrane (4) is subjected to composite compressive, bending, tensile and other stresses, as a result of which the membrane acts on the printing cylinder (R) with a distributed pressure. On the cessation of contact with the cylinder (R), the membrane (4) returns by its own elasticity to its extended resting state. In combination with the elasticity of the membrane, advantage is preferably taken of the effect of pneumatic counter-pressure (110) to which the membrane is subjected when it is mounted with an air-tight seal on a corresponding chamber (3) of the presser bar (1). <IMAGE>

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IPC 8 full level
B41F 35/06 (2006.01)

CPC (source: EP)
B41F 35/06 (2013.01); B41P 2235/246 (2013.01)

Citation (search report)
[A] EP 0446668 A1 19910918 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by
CN100421939C; ITBO20100056A1; EP0796736A3; EP0796737A3; DE19938414B4; DE19938413B4; EP0916492A1; GB2300388A; GB2300388B; US5762000A; AU711462B2; CN1055266C; WO2005005151A3; WO0130575A1; WO2008014837A1

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