

Title (en)

Fastening device for flexible printing plates on a printing cylinder

Title (de)

Vorrichtung zur Befestigung von biegsamen Druckplatten auf einem Druckzylinder

Title (fr)

Dispositif d'accrochage de clichés flexibles sur un cylindre d'impression

Publication

EP 0686503 A1 19951213 (FR)

Application

EP 95108586 A 19950606

Priority

FR 9407200 A 19940608

Abstract (en)

The fixing is for a stereotype with one or more print surfaces (8) attached to a backing sheet (2) with a hook-shaped strip (3) along one end to engage with a matching groove (6) in the surface of the cylinder, and tensioners (12) on the other end. The under-surface of the backing sheet has a wedge (4) which fits into an additional groove (5) of the same cross-section, situated adjacent to the hook-shaped groove and parallel to it. The wedge-shaped groove can be connected to the inside of the cylinder by a series of radial channels, while the cylinder's inner chamber can be connected to a vacuum source such as a pump which is connected to the cylinder by a rotary joint. <IMAGE>

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP KR US)

B41F 27/12 (2013.01 - KR); **B41F 27/1212** (2013.01 - EP US)

Citation (applicant)

- FR 2434035 A1 19800321 - TETRA PAK INT [SE]
- FR 2196910 A1 19740322 - SCHULZ JUERGEN [DE]

Citation (search report)

- [A] EP 0215645 A2 19870325 - WARD MACHINERY CO [US]
- [A] DE 4310359 A1 19931014 - GRAFIA A S OSLO [NO]
- [A] GB 752300 A 19560711 - SCHNELLPRESSENFAB HEIDELBERG
- [A] FR 2161696 A5 19730706 - MATTHEWS JAS ET CO

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Designated contracting state (EPC)

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