

Title (en)

Device for fixing a printing sleeve on an plate cylinder shaft

Title (de)

Vorrichtung zum Fixieren von einer Druckhülse auf einem Druckwalzenkern

Title (fr)

Dispositif de fixation d'un manchon sur un axe d'un cylindre porte-clichés

Publication

EP 0855268 B1 20010606 (FR)

Application

EP 97400193 A 19970128

Priority

EP 97400193 A 19970128

Abstract (en)

[origin: EP0855268A1] The sleeve (3) is fitted to the drive shaft (1) over a deformable liner (2). The shaft has a series of depressions (7) between supporting surfaces (12). The depressions cover the whole circumference of the shaft, and the supporting surfaces in the form of narrow projecting bands between them. Each of the shaft depressions is in communication with at least one lengthwise channel (11) in the shaft. The liner is pierced at one end (18), where it is connected to an axial channel (13) in the shaft by a radial duct (15). In addition, there are three annular seals (21,21') between the liner and shaft. The seals are located in grooves in the shaft, two on either side of the radial duct and the third at the opposite end of the liner.

IPC 1-7

B41F 27/10

IPC 8 full level

B41F 27/10 (2006.01)

CPC (source: EP)

B41F 27/105 (2013.01); **B41P 2227/20** (2013.01)

Cited by

FR2843071A1; DE10323307A1; NL2001635C2; US2022032421A1; DE19903220A1; DE19903220C2; WO2007022783A1; WO2004014653A3; WO2004014653A2; US11865571B2

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