

Title (en)

Cylindrical carrier for receiving an exchangeable printing sleeve and method for its manufacturing

Title (de)

Zylindrischer Träger für die Aufnahme einer auswechselbaren Druckhülse und Verfahren zur Herstellung des Trägers

Title (fr)

Support cylindrique recevant un manchon d'impression échangeable et procédé pour sa fabrication

Publication

**EP 1531046 B1 20080102 (DE)**

Application

**EP 04026661 A 20041110**

Priority

DE 10352817 A 20031112

Abstract (en)

[origin: EP1531046A1] The cylindrical carrier (1) for a printing cylinder (2) at a printing press, where the cylinder is exchanged by sliding on and off the carrier, has an inner core (10) and a carrier mantle (12) around it. The mantle is sealed at the core at least at the end sides, leaving a space (11) between the mantle and core which can be filled with compressed air from a piston/cylinder unit (17,17'). On a zero pressure, the mantle contracts radially inwards over at least a part of its length, to allow the printing cylinder to be pushed over it and, when the pressure is increased, the mantle expands to hold the printing cylinder with a friction lock. The mantle has an outer elastic cladding of a rubber-type material.

IPC 8 full level

**B41F 27/10** (2006.01)

CPC (source: EP)

**B41F 27/105** (2013.01)

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**EP 1531046 A1 20050518; EP 1531046 B1 20080102**; AT E382480 T1 20080115; DE 10352817 A1 20050623; DE 502004005815 D1 20080214; ES 2298667 T3 20080516; PL 1531046 T3 20080630

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