

Title (en)  
Sleeve for impression rollers

Title (de)  
Hülse für Druckwalzen

Title (fr)  
Manchon pour des rouleaux presseurs

Publication  
**EP 1138483 A3 20030212 (DE)**

Application  
**EP 01102540 A 20010206**

Priority  
DE 10016063 A 20000331

Abstract (en)  
[origin: EP1138483A2] The sleeve comprise an inner preferably dual-layered tube of expandable material connected to an outer shape-stable jacket tube (4) which has at its ends support discs (8) or bushes which have at least sections whose bores match the diameter of the roller (1) for tight fit. The jacket tube can be connected by end sockets to the inner tube whereby the sockets have blind hole bores into which the support discs are fitted.

IPC 1-7  
**B41F 13/18**; **B41F 31/26**; **B41N 7/06**; **B41F 13/08**

IPC 8 full level  
**B41F 13/08** (2006.01); **B41F 13/18** (2006.01); **B41F 31/26** (2006.01); **B41N 7/00** (2006.01); **B41N 7/06** (2006.01)

CPC (source: EP US)  
**B41F 13/18** (2013.01 - EP US); **B41F 31/26** (2013.01 - EP US); **B41N 7/00** (2013.01 - EP US); **B41N 2207/02** (2013.01 - EP US); **B41N 2207/04** (2013.01 - EP US)

Citation (search report)

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- [A] US 4483053 A 19841120 - HAMISCH JR PAUL H [US]
- [A] US 2273669 A 19420217 - STUMPF RUSSELL L
- [DA] DE 19613145 A1 19971009 - WINDMOELLER & HOELSCHER [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 131 (M - 584) 24 April 1987 (1987-04-24)

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**EP 1138483 A2 20011004**; **EP 1138483 A3 20030212**; **EP 1138483 B1 20040421**; AT E264753 T1 20040515; DE 10016063 A1 20011011; DE 10016063 C2 20030814; DE 50102026 D1 20040527; ES 2219445 T3 20041201; US 2001025580 A1 20011004; US 6604462 B2 20030812

DOCDB simple family (application)  
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