

Title (en)
Rubber blanket sleeve for offset printing

Title (de)
Gummituchhülse für eine Offset-Druckmaschine

Title (fr)
Blanchet d'impression offset tubulaire en caoutchouc

Publication
EP 1078777 A3 20010314 (DE)

Application
EP 00118538 A 20000825

Priority
DE 19940429 A 19990826

Abstract (en)
[origin: EP1078777A2] Rubber sleeve comprises a microporous, closed-pore compressible intermediate layer with specified mechanical parameters. The rubber sleeve for a printing cylinder of an offset printing machine comprises a stiff inner carrier sleeve (12) with an adhesive layer (13), a microporous compressible elastomer layer (14) with closed pores, a thin adhesive layer (15), and an outer rubber cover layer (16) serving as the printing layer. The compressibility of the elastomer layer (14) for a given stress, and the stress of its rubber matrix for a given strain are specified by their upper and lower permissible values. All the layers mentioned above are firmly joined to one another, and form a seamless cylindrical component.

IPC 1-7
B41N 10/04; **B41N 10/02**

IPC 8 full level
B41N 10/02 (2006.01); **B41N 10/04** (2006.01)

CPC (source: EP US)
B41N 10/04 (2013.01 - EP US); **B41N 2210/04** (2013.01 - EP US); **B41N 2210/14** (2013.01 - EP US); **Y10S 428/909** (2013.01 - EP US)

Citation (search report)
• [X] US 5884559 A 19990323 - OKUBO HIROMASA [JP], et al
• [X] FR 2095534 A5 19720211 - DUNLOP HOLDINGS LTD
• [X] US 5486402 A 19960123 - BYERS JOSEPH L [US], et al

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EP2070716A1; US6705225B2; EP1525997A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1078777 A2 20010228; **EP 1078777 A3 20010314**; **EP 1078777 B1 20040303**; AT E260774 T1 20040315; DE 19940429 A1 20010308; DE 50005488 D1 20040408; US 6382102 B1 20020507

DOCDB simple family (application)
EP 00118538 A 20000825; AT 00118538 T 20000825; DE 19940429 A 19990826; DE 50005488 T 20000825; US 64533000 A 20000825