

Title (en)

Process for the manufacture of a sleeve for a printing machine, and sleeve obtained thereby

Title (de)

Verfahren zur Herstellung einer Hülse für eine Druckmaschine, und damit erzeugte Hülse

Title (fr)

Procédé de fabrication d'un manchon pour machine d'impression et manchon obtenu

Publication

EP 0683040 B1 19980930 (FR)

Application

EP 95450009 A 19950518

Priority

FR 9406417 A 19940519

Abstract (en)

[origin: EP0683040A1] Prodn. of an expandable print roller sleeve consists of preparing a rotary support cylinder with release agent; winding on a layer (24) of material (26) having regularly distributed holes (34) over its surface. The material is a complex composed of a layer (28) of non woven material over which is placed a layer of expanded natural (30) having a high space ratio and screen printed with a given pattern (32); This layer is coated with a resin (22), e.g. of vinyl ester or epoxy base, having the ability to retract a given amount on curing. After gelification of the resin an air tight material (37) e.g. of polyester is wound (36) over it. The system is cured at temp. coated (44) with a finishing resin (46), cured and the sleeve removed by dilation under gas press. Finally a layer of elastomer is joined to the sleeve. <IMAGE>

IPC 1-7

B41C 1/18

IPC 8 full level

B41C 1/18 (2006.01)

CPC (source: EP)

B41C 1/182 (2013.01); **B41N 6/00** (2013.01)

Cited by

EP2636535A1; DE10241800B4; EP1834768A1; FR2811256A1; EP0791477A3; AU2011306927B2; LU91958B1; FR2811255A1; DE19804269A1; EP0850782A1; FR2757795A1; WO9829260A1; EP2377686B1; JP2013540617A; WO2012038514A1; EP2732977A2; US8960089B2; US9233570B2; EP2377686A1

Designated contracting state (EPC)

AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0683040 A1 19951122; EP 0683040 B1 19980930; AT E171673 T1 19981015; CA 2149716 A1 19951120; DE 69505044 D1 19981105; DE 69505044 T2 19990527; DK 0683040 T3 19990621; ES 2124987 T3 19990216

DOCDB simple family (application)

EP 95450009 A 19950518; AT 95450009 T 19950518; CA 2149716 A 19950518; DE 69505044 T 19950518; DK 95450009 T 19950518; ES 95450009 T 19950518