

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 A1 19951122 (FR)

Application

EP 95450009 A 19950518

Priority

FR 9406417 A 19940519

Abstract (en)

Prod. 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>

Abstract (fr)

L'invention concerne un procédé de fabrication d'un manchon d'impression, expansible, caractérisé en ce qu'il comporte les étapes suivantes : enroulement d'une couche (24) d'un matériau (26) comportant des trous traversants (34), régulièrement répartis sur sa surface, ce matériau étant un complexe composé d'une couche de matériau non tissé (28) sur laquelle est déposée une couche d'un matériau (30) ayant un fort taux de vide, du type expansé et sérigraphié avec un motif (32) donné, enduction de cette couche avec une résine (22) ayant un pouvoir de retrait déterminé à la polymérisation, polymérisation en température, extraction du manchon fabriqué, et reprise du manchon pour un traitement final. Application notamment aux machines d'impression flexographique et héliographique. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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