

Title (en)

Apparatus for the automatic finishing of flexible materials.

Title (de)

Vorrichtung zum automatischen Zurichten von dehnbaren Materialien.

Title (fr)

Installation de finissage automatique de matériaux souples, et notamment de cuirs ou peaux, entiers ou prédécoupés.

Publication

EP 0296999 A1 19881228 (FR)

Application

EP 88420208 A 19880621

Priority

FR 8709163 A 19870623

Abstract (en)

This finishing process comprises the following successive stages performed continuously: - application to the piece (18) and with the aid of a continuous printing machine (11, 21) of the halftone type, of a controlled small quantity of a finishing product (16) containing from 90 to 100% of photopolymerisable active material, in a proportion of 5 to 35 g/m² of placed product, by passing through the printing machine (11, 21) - photopolymerisation of the finishing product (16) - performing a satinising or graining operation, these various stages being repeated until the desired finish is obtained. <??>The finishing product (16) employed is a product which can be photopolymerised under ultraviolet radiation and which comprises unsaturated prepolymers, liquid monomers and photoinitiators. <??>The finishing plant comprises at least one module consisting of a continuous printing machine (11, 21), an ultraviolet radiation oven (12, 22) and a satinising and graining machine (13, 23), these various machines being arranged so as to produce a continuous conveying of the pieces (12) from one machine to another. <IMAGE>

IPC 1-7

B05D 3/06; **B05D 7/12**; **C14C 11/00**

IPC 8 full level

B05C 1/02 (2006.01); **B05D 3/06** (2006.01); **B05D 5/06** (2006.01); **B05D 7/12** (2006.01); **C14C 11/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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- [A] FR 2374419 A1 19780713 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
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- [A] DAS LEDER, vol. 27, no. 9, septembre 1976, pages 142-151, Darmstadt, DE; L. TORK et al.: "Moderne Lederzurichtungen unter Berücksichtigung der verschiedenen Anforderungen an das Leder"

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