

Title (en)
APPARATUS FOR THE AUTOMATIC FINISHING OF FLEXIBLE MATERIALS

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EP 0296999 B1 19910612 (FR)

Application
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Priority
FR 8709163 A 19870623

Abstract (en)
[origin: EP0296999A1] 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>

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