

Title (en)
METHOD FOR PRINTING SHEET-LIKE MATERIAL

Publication
EP 0226687 B1 19900919 (FR)

Application
EP 85420219 A 19851206

Priority
EP 85420219 A 19851206

Abstract (en)
[origin: EP0226687A1] 1. Process for decorating, by colouring, an article formed from fabrics (3) or from similar air-permeable products, which consists : - in placing the article to be decorated flat on a table (1) having an air-permeable zone, this zone being subjected to the action of a suction system ; - in spraying the colouring substance against the surface of the article by means of a nozzle or nozzles (9) enabling the colouring agent, in the liquid state, to be sprayed in the form of a vaporized or atomized mist of colouring agent, the suction produced on the fabric being such that it enables the colouring agent to penetrate fully into the fabric and the excess to be removed, as well as it to be conveyed, in its journey through the open air, between the outlet of the nozzle (9) and the fabric (3), characterized in that : - one or more screens or stencils (10) are placed in between the article and the colouring-agent source ; - the vaporized or atomized mist of colouring agent is produced such that an extremely fine or even molecular fragmentation of the said colouring agent is obtained, thus preventing the latter from wetting the fabric (3), the particles being sufficiently small to be dried instantly upon their contact with the fabric (3) ; - the suction produced beneath the fabric (3) is such that it enables : - the fabric (3) to be held against the table (1) during the various stages of its printing and the stencil (10) to be held flat against the surface of the said fabric (3) ; - the colouring agent to dry instantly upon its contact with the fabric (3).

IPC 1-7
D06B 5/08; **D06B 11/00**

IPC 8 full level
D06B 1/02 (2006.01); **D06B 5/08** (2006.01)

CPC (source: EP)
D06B 1/02 (2013.01); **D06B 5/08** (2013.01)

Cited by
FR2632663A1; US5711994A; CN112921539A; CN113062134A; CN117005123A; CN113737413A; WO0132971A1

Designated contracting state (EPC)
CH DE GB IT LI

DOCDB simple family (publication)
EP 0226687 A1 19870701; **EP 0226687 B1 19900919**; DE 3579818 D1 19901025

DOCDB simple family (application)
EP 85420219 A 19851206; DE 3579818 T 19851206