

Title (en)
Roller coating

Title (de)
Rollbeschichtung

Title (fr)
Revêtement de rouleau

Publication
EP 1393820 A3 20041103 (EN)

Application
EP 03013406 A 20030620

Priority
US 39240202 P 20020628

Abstract (en)
[origin: EP1393820A2] A method for applying a seamless coating of a surface-modifying material to a product roller 12) by transfer of the material to the product roller (12), from an application means (16, 18, 32, 36, 40, 54, 56, 58, 60), to produce the seamless coating. Gravure rollers (18), slot dies (54), falling curtains or ribbons (56), jets and sprays (60) may be used to deposit the material on the product roller (12). Dipping may also be used. In one embodiment the coating is applied as a plurality of coatings, which are applied without drying the previous coating before application of a subsequent coating. <IMAGE>

IPC 1-7
B05D 7/00; **B05D 1/28**; **B05D 5/08**; **B05D 1/02**; **B05D 1/12**

IPC 8 full level
B05D 1/00 (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP)
B05D 1/002 (2013.01); **G03G 15/2057** (2013.01)

Citation (search report)

- [XY] EP 1158365 A1 20011128 - DU PONT DEUTSCHLAND [DE]
- [XY] US 5133998 A 19920728 - OKAZAKI HIROSHI [JP], et al
- [XY] US 5617191 A 19970401 - MURAKAMI EISAKU [JP], et al
- [XY] US 3656999 A 19720418 - LUNDSAGER CHRISTIAN B
- [Y] US 5677008 A 19971014 - KAMEYA TORU [JP], et al
- [X] EP 0406902 A2 19910109 - UNION CARBIDE COATINGS SERVICE [US]
- [X] DE 1778758 A1 19710826 - WOLFEN FILMFAB VEB

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1393820 A2 20040303; **EP 1393820 A3 20041103**

DOCDB simple family (application)
EP 03013406 A 20030620