

Title (en)
Decorated articles

Title (de)
Dekorierte Artikel

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Articles décorés

Publication
EP 1652652 A1 20060503 (FR)

Application
EP 04025533 A 20041027

Priority
EP 04025533 A 20041027

Abstract (en)
The procedure for decorating at least one surface (10') of a plastic strip (1) that has been extruded and foamed in a single stage, in which the surface is embossed and printed with transferable ink on a film (11), has the printing carried out at the same time as embossing, using an embossing roller of an elastic material that is heated to the temperature at which the surface of the plastic strip is softened, preferably between 170 and 180 degrees C. The process is carried out by a transporter, an embossing roller (2), a heater (3), and feed and take-up rollers (4, 5) for the inked film (11).

IPC 8 full level
B29C 59/00 (2006.01); **B41F 19/02** (2006.01); **B41M 1/24** (2006.01); **B44B 5/00** (2006.01); **B44F 9/02** (2006.01)

CPC (source: EP US)
B44F 9/02 (2013.01 - EP US)

Citation (search report)

- [A] US 2404073 A 19460716 - EDWARD KARFIOL, et al
- [AX] US 6272982 B1 20010814 - STAUFFACHER JAMES H [US], et al
- [A] WO 9300219 A1 19930107 - KAYSERSBERG SA [FR]
- [A] EP 0265298 A1 19880427 - BEGHIN SAY SA [FR]
- [A] US 3837275 A 19740924 - MADSEN J

Cited by
CN103818110A; CN107009775A; CN106952567A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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