

Title (en)

Method and device for applying adhesive onto a workpiece to be coated with a film

Title (de)

Verfahren und Vorrichtung zum Auftragen von Klebstoff auf ein mit einer Folie zu beschichtendes Werkstück

Title (fr)

Procédé et dispositif d'application d'adhésif sur une pièce à revêtir d'un film

Publication

**EP 1044726 A3 20040204 (DE)**

Application

**EP 00107229 A 20000401**

Priority

DE 19917130 A 19990415

Abstract (en)

[origin: EP1044726A2] The procedure involves loading the adhesive (7) onto an elastically deformable application roller (2) which is then rolled on the surface (13) of the workpiece (1) to apply the adhesive. After rolling any remaining excess adhesive is removed from the roller by a first scraper (4). The adhesive for applying to the roller is kept in circulation and in this connection is directed through cleaning unit (9). The adhesive is applied to the application roller by a dosing roller (3) rotating in the opposite direction to the application roller, the gap (12) between the rollers being governed by pressing-on force. An independent claim is included for a device to carry out the proposed procedure and which is equipped with an elastic deformable roller to apply the adhesive onto a workpiece surface, and a dosing roller to apply adhesive to the application roller.

IPC 1-7

**B05C 1/08**; B27G 11/00

IPC 8 full level

**B05C 1/08** (2006.01)

CPC (source: EP)

**B05C 1/083** (2013.01); **B05C 1/0834** (2013.01); **B05C 1/0865** (2013.01)

Citation (search report)

- [X] US 3540410 A 19701117 - OSBORNE WILLIAM GALLOWAY JR, et al
- [X] EP 0550918 A1 19930714 - CASCO NOBEL IND PROD [SE]
- [X] DE 19704260 A1 19971106 - SCHAEFER HANS JUERGEN [DE]
- [X] US 3762366 A 19731002 - CLAPP C, et al
- [X] US 2785083 A 19570312 - ROBINSON EDWARD A
- [X] DE 4021843 A1 19920116 - BUERKLE GMBH & CO ROBERT [DE]
- [A] US 5478599 A 19951226 - IYER SHRIDHAR R [US], et al

Cited by

CN103286048A; EP2319629A1; ITPD20090329A1

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