

Title (en)

Roller for heating a decorative holder or a film

Title (de)

Walze zum Heizen eines Dekorträgers oder einer Folie

Title (fr)

Cylindre destiné à chauffer un support décoratif ou une feuille

Publication

EP 2674298 A1 20131218 (DE)

Application

EP 12004413 A 20120612

Priority

EP 12004413 A 20120612

Abstract (en)

The roller (10) has a heating device (14) with which a cylindrical cladding body (12) is heated. The heating device is stationarily arranged inside the cladding body. The cladding body is rotated regarding the heating device. The heating device radiates electromagnetic radiation i.e. infrared radiation, on an inner wall (12a) of the cladding body. The heating device comprises lamps (30) i.e. halogen lamps. A position of feed rollers is adjusted regarding the roller to adjust a contact surface between the decoration carrier and the roller.

Abstract (de)

Eine Walze 10 dient zum Heizen zum Beispiel eines Dekorträgers oder eine Folie im Release-Verfahren. Die Walze hat einen drehbaren Mantelkörper 12 und eine im Inneren des Mantelkörpers 12 stationär angeordnete Heizeinrichtung 14.

IPC 8 full level

B41F 16/00 (2006.01)

CPC (source: EP)

B41F 16/0026 (2013.01)

Citation (applicant)

- EP 0570607 A1 19931124 - GE POLYMERTREND GMBH [DE]
- WO 2010028857 A1 20100318 - DEMAXZ AG [CH], et al
- EP 2163397 A1 20100317 - DEMAXZ AG [CH]
- WO 2008116484 A1 20081002 - ZAHER MAXIMILIAN [DE]
- EP 1795345 A1 20070613 - DEMAXZ AG [CH]

Citation (search report)

- [X] DE 4437379 A1 19960425 - ALFILL GETRAENKETECHNIK [DE]
- [A] EP 1541348 A1 20050615 - LU XIANGYANG [CN], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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