

Title (en)

Covered rollers comprising air channels and method for covering a roller

Title (de)

Beschichteter Zylinder mit Luftkanälen und Verfahren zum Beschichten eines Zylinders

Title (fr)

Cylindre revêtu avec des conduits d'air et procédé pour recouvrir un cylindre

Publication

**EP 1228870 A1 20020807 (EN)**

Application

**EP 01870020 A 20010206**

Priority

EP 01870020 A 20010206

Abstract (en)

The invention relates to covered rollers comprising air channels and a method for covering a roller having substantially a cylindrical outer surface and a longitudinal axis, with a covering material such as an elastomer e.g. rubber or polyurethane, comprising the steps of: optionally removing of any old covering material, attaching at least an air channel on the outer face of the roller, such that at least an end of said air channel is able to be connected to an air supply, optionally cleaning the attached air channels and outer surface of the roller, applying one or more bonding agents to said air channels and outer surface, applying the elastomer on the outer surface of the roller such that at least the attached parts of the air channel are covered with said elastomer, allowing vulcanisation or curing of the elastomer, and performing a finishing step of the covered roller.

IPC 1-7

**B41F 27/10**

IPC 8 full level

**B41F 27/10** (2006.01)

CPC (source: EP)

**B41F 27/105** (2013.01)

Citation (search report)

- [A] EP 0076777 A1 19830413 - HERLITZ AG [DE]
- [A] DE 19918432 A1 20001026 - SAUERESSIG GMBH & CO [DE]

Cited by

DE10344408B3; WO2005030488A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1228870 A1 20020807**; WO 02062580 A1 20020815

DOCDB simple family (application)

**EP 01870020 A 20010206**; EP 0201151 W 20020205