Title (en)
METHOD AND DEVICE FOR COATING WORKPIECES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BESCHICHTEN VON WERKSTÜCKEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE REVÊTEMENT DE PIÈCES À USINER

Publication
**EP 3611001 B1 20210324 (DE)**

Application
**EP 19184393 A 20130716**

Priority
• DE 102012213796 A 20120803
• EP 13741699 A 20130716
• EP 2013064990 W 20130716

Abstract (en)
[origin: WO2014019847A1] The invention relates to a method for coating workpieces (2), which preferably consist at least sectionally of wood, wood-based materials, plastics material or the like, with a coating material (4), wherein the method has the steps of: providing a functional layer (4') which can be rendered adhesive by energy input, supplying a coating material (4) to a workpiece (2) to be coated, at least partially activating the functional layer (4') by treating the functional layer (4') with a heated gas (6), wherein the heated gas (6) is emitted onto the functional layer (4') via at least one outlet opening (20) and is at a positive pressure, preferably of at least 1.5 bar, particularly preferably at least 3 bar, in the region of the at least one outlet opening (20), and joining the coating material (4) to the workpiece (2) by means of the activated functional layer (4').

IPC 8 full level
**B27D 5/00** (2006.01)

CPC (source: EP US)
**B05D 3/0406** (2013.01 - US); **B05D 3/0473** (2013.01 - US); **B05D 3/104** (2013.01 - US); **B27D 5/003** (2013.01 - EP US)

Citation (examination)
WO 2012130224 A1 20121004 - SCHULTE-GOEBEL CHRISTOF [DE]

Cited by
EP4005758A1; WO2021116179A1

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

DOCDB simple family (publication)
**WO 2014019847 A1 20140206**; BR 212015002322 U2 20151124; CN 204894132 U 20151223; DE 102012213796 A1 20140206; DE 102012213796 B4 20210325; EP 2879847 A1 20150610; EP 2879847 B1 20190904; EP 3611001 A1 20200219; EP 3611001 B1 20210324; ES 2748184 T3 20200313; US 10807121 B2 20201020; US 2015239009 A1 20150827

DOCDB simple family (application)
**EP 2013064990 W 20130716**; BR 212015002322 U 20130716; CN 201390000653 U 20130716; DE 102012213796 A 20120803; EP 13741699 A 20130716; EP 19184393 A 20130716; ES 13741699 T 20130716; US 201314418976 A 20130716