

Title (en)

COATING MACHINE COMPONENT, PARTICULARLY ROTARY BELL, AND CORRESPONDING PRODUCTION METHOD

Title (de)

BESCHICHTETES BESCHICHTUNGSANLAGENBAUTEIL, INSBESONDERE GLOCKENTELLER, UND ENTSPRECHENDES HERSTELLUNGSVERFAHREN

Title (fr)

COMPOSANT DE DISPOSITIF DE REVÊTEMENT, NOTAMMENT CLOCHE ROTATOIRE, ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication

EP 2349582 A2 20110803 (DE)

Application

EP 09744972 A 20091102

Priority

- EP 2009007841 W 20091102
- DE 102008056411 A 20081107

Abstract (en)

[origin: WO2010051958A2] The invention relates to a coating machine component (1), particularly bell plate (1) for a rotary atomizer (2), having a moulded base body (4; 7) and a functional element (5, 6; 8) for mechanical stiffening and/or chemical and/or electrical functionalizing of the coating machine component (1), wherein the functional element (5, 6; 8) is made from a material with a greater mass density than the base body (4; 7). According to the invention, the functional element (5, 6; 8) is a coating (5, 6; 8) that is at least partially applied to the base body (4; 7). Furthermore, the invention relates to a corresponding production method.

IPC 8 full level

B05B 3/10 (2006.01); **B05B 5/04** (2006.01); **B05B 15/18** (2018.01)

CPC (source: EP US)

B05B 3/1014 (2013.01 - US); **B05B 5/0407** (2013.01 - EP US); **B05B 15/18** (2018.01 - EP US); **B05D 7/50** (2013.01 - US); **C23C 28/028** (2013.01 - US); **B05D 2201/02** (2013.01 - US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/24983** (2015.01 - EP US); **Y10T 428/24992** (2015.01 - EP US)

Citation (search report)

See references of WO 2010051958A2

Cited by

WO2017202544A1; DE102017219317A1; DE102016006177A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010051958 A2 20100514; WO 2010051958 A3 20100715; CN 102281954 A 20111214; CN 102281954 B 20160706; DE 102008056411 A1 20100520; EP 2349582 A2 20110803; EP 2349582 B1 20150603; EP 2349582 B2 20230118; ES 2545978 T3 20150917; ES 2545978 T5 20230511; HU E027200 T2 20160829; JP 2012508098 A 20120405; JP 2015107489 A 20150611; JP 6267661 B2 20180124; PL 2349582 T3 20151130; PT 2349582 E 20150903; US 10471445 B2 20191112; US 2011265717 A1 20111103

DOCDB simple family (application)

EP 2009007841 W 20091102; CN 200980150587 A 20091102; DE 102008056411 A 20081107; EP 09744972 A 20091102; ES 09744972 T 20091102; HU E09744972 A 20091102; JP 2011535040 A 20091102; JP 2015014677 A 20150128; PL 09744972 T 20091102; PT 09744972 T 20091102; US 200913128068 A 20091102