

Title (en)
Component of a rotary atomizer

Title (de)
Rotationszerstäuberbauteil

Title (fr)
Élément d'un pulvérisateur rotatif

Publication
EP 1764157 A2 20070321 (DE)

Application
EP 06019279 A 20060914

Priority
DE 102005044154 A 20050915

Abstract (en)
The rotary atomizer component comprises a bushing-shaped shaft cover (25) made of material softer than material of bearing shaft, which covers the bearing shaft when mounted partially in area of annular gap between the bell cup (4) and the atomizer casing. Independent claims are included for the following: (1) rotary atomizer; (2) method for coating installation using paint robot with rotary atomizer; and (3) method for cleaning rotary atomizer.

IPC 8 full level
B05B 3/10 (2006.01); **B05B 7/08** (2006.01)

CPC (source: EP US)
B05B 3/10 (2013.01 - EP US); **B05B 3/1035** (2013.01 - EP); **B05B 3/1092** (2013.01 - EP); **B05B 15/531** (2018.01 - EP US)

Citation (applicant)
• DE 9419641 U1 19950202 - DUERR GMBH & CO [DE]
• EP 1384514 A2 20040128 - DUERR SYSTEMS GMBH [DE]
• DE 10053296 A1 20020516 - EISENMANN LACKTECHNIK KG [DE]
• EP 0333040 A2 19890920 - BEHR INDUSTRIEANLAGEN [DE]
• EP 1367302 A2 20031203 - DUERR SYSTEMS GMBH [DE]
• DE 102004061322 A1 20060622 - DUERR SYSTEMS GMBH [DE]
• DE 102005015604 A1 20061019 - DUERR SYSTEMS GMBH [DE]
• DE 4306800 A1 19940908 - DUERR GMBH & CO [DE]

Cited by
CN102186652A; DE102010019612A1; WO2011138048A1; US9592524B2; US10464095B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1764157 A2 20070321; EP 1764157 A3 20070613; EP 1764157 B1 20100602; AT E469704 T1 20100615; DE 102005044154 A1 20070405; DE 102005044154 B4 20070927; DE 502006007070 D1 20100715; ES 2346680 T3 20101019; PL 1764157 T3 20101130; PT 1764157 E 20100907

DOCDB simple family (application)
EP 06019279 A 20060914; AT 06019279 T 20060914; DE 102005044154 A 20050915; DE 502006007070 T 20060914; ES 06019279 T 20060914; PL 06019279 T 20060914; PT 06019279 T 20060914