

Title (en)
Atomiser and appropriate operating method

Title (de)
Zerstäuber und zugehöriges Betriebsverfahren

Title (fr)
Atomiseur et procédé de fonctionnement correspondant

Publication
EP 1849527 A3 20100505 (DE)

Application
EP 07007204 A 20070405

Priority
DE 102006019890 A 20060428

Abstract (en)
[origin: EP1849527A2] The atomizer has application element for the application of coating medium jet (5) on a component which is coated, and atomizer housing. A cladding current nozzle (10) is arranged in the atomizer housing for discharge of an air-conditioned cladding current, which partly surrounds the coating medium jet. Independent claims are also included for the following: (1) electrostatic painting system (2) an operating method for an atomizer.

IPC 8 full level
B05B 5/04 (2006.01)

CPC (source: EP US)
B05B 5/001 (2013.01 - EP US); **B05B 5/0426** (2013.01 - EP US); **B05B 12/18** (2018.01 - EP US); **B05B 5/0407** (2013.01 - EP US)

Citation (search report)
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• [Y] JP S5892475 A 19830601 - ASAHI OKUMA IND
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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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1849527 A2 20071031; EP 1849527 A3 20100505; EP 1849527 B1 20190612; DE 102006019890 A1 20071115;
DE 102006019890 B4 20081016; EP 3566779 A1 20191113; EP 3566779 B1 20201202; ES 2744815 T3 20200226; ES 2857835 T3 20210929;
JP 2007296520 A 20071115; JP 5548330 B2 20140716; US 2007262170 A1 20071115; US 7971805 B2 20110705

DOCDB simple family (application)
EP 07007204 A 20070405; DE 102006019890 A 20060428; EP 19178996 A 20070405; ES 07007204 T 20070405; ES 19178996 T 20070405;
JP 2007118307 A 20070427; US 74040007 A 20070426