

Title (en)

ATOMIZER WITH A LATTICE MIXER

Title (de)

ZERSTÄUBER MIT EINEM GITTERMISCHER

Title (fr)

PULVÉRISATEUR AVEC UN MÉLANGEUR À TREILLIS

Publication

EP 2566628 A1 20130313 (DE)

Application

EP 11719471 A 20110504

Priority

- DE 102010019771 A 20100507
- EP 2011002228 W 20110504

Abstract (en)

[origin: WO2011138028A1] The invention relates to an atomizer (1), in particular a rotation atomizer, for applying a coating agent composed of several components, with a static mixer (5) that mixes together the various components of the coating agent, wherein the mixer (5) has a plurality of fixed mixing elements (6) and is structurally integrated into the atomizer (1). It is proposed that the mixer (5) be a lattice mixer in which the mixing elements (6) are arranged interlaced in a lattice shape.

IPC 8 full level

B05B 3/10 (2006.01); **B01F 5/06** (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP US)

B01F 25/423 (2022.01 - US); **B01F 25/43161** (2022.01 - EP US); **B05B 3/10** (2013.01 - EP US); **B05B 7/0408** (2013.01 - US); **B05B 12/1418** (2013.01 - EP US)

Citation (search report)

See references of WO 2011138028A1

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)

DE 102010019771 A1 20111110; CN 102883818 A 20130116; CN 102883818 B 20160106; EP 2566628 A1 20130313; EP 2566628 B1 20170906; EP 2566628 B2 20200624; ES 2648137 T3 20171228; ES 2648137 T5 20210222; MX 2012012740 A 20121121; PL 2566628 T3 20180228; PL 2566628 T5 20201102; US 2015122915 A1 20150507; US 9539594 B2 20170110; WO 2011138028 A1 20111110

DOCDB simple family (application)

DE 102010019771 A 20100507; CN 201180022213 A 20110504; EP 11719471 A 20110504; EP 2011002228 W 20110504; ES 11719471 T 20110504; MX 2012012740 A 20110504; PL 11719471 T 20110504; US 201113696460 A 20110504