

Title (en)  
Static spray mixer

Title (de)  
Statischer Sprühmischer

Title (fr)  
Pulvérisateur avec mélangeur statique

Publication  
**EP 2286925 B1 20180314 (DE)**

Application  
**EP 10167599 A 20100629**

Priority  
• EP 09168285 A 20090820  
• EP 10167599 A 20100629

Abstract (en)  
[origin: EP2286925A2] The mixer (1) has a mixer housing (2) extending in a direction of a longitudinal axis (A) up to a distal end (21) that includes an outlet opening (22). A mixing element (3) is arranged in the housing for mixing flowable components. An atomization sleeve (4) has an inlet (41), and a set of grooves is provided in an outer surface of the housing or in an inner surface of the sleeve. A pressurized atomization medium flows from the inlet of the sleeve to the distal end of the housing through the grooves. The housing, the sleeve and/or the mixing element are injection molded from a thermoplastic.

IPC 8 full level  
**B01F 25/46** (2022.01); **B05B 7/08** (2006.01); **B01F 25/70** (2022.01); **B05C 17/005** (2006.01); **B05B 7/04** (2006.01); **B05B 7/10** (2006.01)

CPC (source: EP KR US)  
**B01F 25/4321** (2022.01 - EP KR US); **B05B 5/025** (2013.01 - KR); **B05B 7/0408** (2013.01 - KR); **B05B 7/0807** (2013.01 - EP KR US); **B05B 7/10** (2013.01 - KR); **B05C 17/00553** (2013.01 - KR); **B05B 7/0408** (2013.01 - EP US); **B05B 7/10** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US)

Cited by  
JP2012240047A; WO2013171030A1; CN104428055A; WO2021197825A1; WO2014170069A1; US9878335B2

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 SE SI SK SM TR

DOCDB simple family (publication)  
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