

Title (en)
DEVICE AND METHOD FOR DISPERSING AT LEAST ONE SUBSTANCE IN A FLUID

Title (de)
VORRICHTUNG UND VERFAHREN ZUM DISPERGIEREN MINDESTENS EINER SUBSTANZ IN EINEM FLUID

Title (fr)
DISPOSITIF ET PROCÉDÉ DESTINÉS À LA DISPERSION D'AU MOINS UNE SUBSTANCE DANS UN FLUIDE

Publication
EP 3334519 B1 20210519 (DE)

Application
EP 16762959 A 20160723

Priority
• DE 102015113380 A 20150813
• DE 102016102728 A 20160217
• DE 2016000287 W 20160723

Abstract (en)
[origin: WO2017025073A1] The invention relates to a device and a method for dispersing at least one substance in a fluid. Said device comprises a process housing (5) with a rotor (3), a fluid supply (7), a feed line (6) for the at least one substance being dispersed and having at least one outlet opening (21), and a product outlet (8). The rotor (3) causes, in at least some sections, a supplied fluid to be conveyed axially. The rotor (3) also causes, in at least some sections, the supplied fluid to be conveyed radially.

IPC 8 full level
B01F 25/60 (2022.01); **B01F 25/64** (2022.01)

CPC (source: EP KR US)
B01F 23/41 (2022.01 - EP KR US); **B01F 23/4105** (2022.01 - US); **B01F 23/53** (2022.01 - EP KR US); **B01F 23/56** (2022.01 - KR); **B01F 25/64** (2022.01 - EP US); **B01F 25/642** (2022.01 - US); **B01F 35/71825** (2022.01 - EP KR US); **B01F 23/56** (2022.01 - US); **B01F 2025/911** (2022.01 - US); **B01F 2025/912** (2022.01 - US); **B01F 2025/9191** (2022.01 - US)

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)
WO 2017025073 A1 20170216; BR 112018002340 A2 20181002; BR 112018002340 B1 20220614; CN 107921382 A 20180417; CN 107921382 B 20210907; DE 102016102728 A1 20170216; EP 3334519 A1 20180620; EP 3334519 B1 20210519; ES 2879389 T3 20211122; JP 2018522727 A 20180816; JP 6715322 B2 20200701; KR 102531425 B1 20230512; KR 20180053303 A 20180521; PL 3334519 T3 20211115; US 10946355 B2 20210316; US 2018236423 A1 20180823

DOCDB simple family (application)
DE 2016000287 W 20160723; BR 112018002340 A 20160723; CN 201680047460 A 20160723; DE 102016102728 A 20160217; EP 16762959 A 20160723; ES 16762959 T 20160723; JP 2018506888 A 20160723; KR 20187006734 A 20160723; PL 16762959 T 20160723; US 201615751816 A 20160723