

Title (en)
STIRRER

Title (de)
RÜHRWERK

Title (fr)
AGITATEUR

Publication
EP 2613871 A1 20130717 (DE)

Application
EP 11757251 A 20110907

Priority
• DE 102010037473 A 20100910
• EP 2011065491 W 20110907

Abstract (en)
[origin: WO2012032090A1] Stirrer (10) having a motor (12); a hollow shaft (14) that can be driven via the motor and is provided with at least one additive exit opening (16) via which an additive passed through the hollow shaft can be given off; and a rotor (22) that is arranged on the hollow shaft and has rotor blades (24), characterized in that a second rotor (26) having rotor blades (28) is provided on the hollow shaft, at a distance from the first rotor, and in that the at least one additive exit opening is arranged between the two rotors, wherein the rotors are constructed and can be driven in such a manner that during operation, a negative pressure and a centrifugal force are generated in the intermediate space (30) defined between the rotors.

IPC 8 full level
B01F 3/04 (2006.01); **B01F 7/00** (2006.01); **B01F 7/16** (2006.01); **B01F 27/91** (2022.01); **B01F 15/00** (2006.01)

CPC (source: EP US)
B01F 23/2331 (2022.01 - EP US); **B01F 23/23311** (2022.01 - EP); **B01F 23/233641** (2022.01 - EP); **B01F 23/23761** (2022.01 - EP); **B01F 27/11253** (2022.01 - EP US); **B01F 27/113** (2022.01 - US); **B01F 27/191** (2022.01 - EP US); **B01F 27/2122** (2022.01 - EP US); **B01F 27/81** (2022.01 - EP US); **B01F 27/91** (2022.01 - US); **B01F 23/23311** (2022.01 - US); **B01F 23/233641** (2022.01 - US); **B01F 23/23761** (2022.01 - US); **B01F 2101/005** (2022.01 - EP US); **B01F 2101/305** (2022.01 - EP US)

Citation (search report)
See references of WO 2012032090A1

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 2012032090 A1 20120315; CA 2810758 A1 20120315; CA 2810758 C 20170214; EP 2613871 A1 20130717; EP 2613871 B1 20151216; ES 2564536 T3 20160323; PL 2613871 T3 20160729; US 2013294190 A1 20131107; US 2015367299 A1 20151224; US 9120063 B2 20150901; US 9744505 B2 20170829

DOCDB simple family (application)
EP 2011065491 W 20110907; CA 2810758 A 20110907; EP 11757251 A 20110907; ES 11757251 T 20110907; PL 11757251 T 20110907; US 201113821604 A 20110907; US 201514840799 A 20150831