

Title (en)
Flow generator

Title (de)
Strömungsgenerator

Title (fr)
Générateur d'écoulement

Publication
EP 2397220 A3 20130731 (DE)

Application
EP 11169134 A 20110608

Priority
DE 102010017409 A 20100617

Abstract (en)
[origin: EP2397220A2] The generator (1) has a rotation chamber (5) formed with flow channels (10a, 10b), which are connected with a working space (11). Medium flowing from the flow channels are occurred as jet in a concentrated form in the working space, where the jet is rotated around an axis. Two connection channels (12, 13) end in the flowing medium and comprise an opening on a side of the flowing medium and another side, which lies opposite to the flowing medium. The connection channels with the opening end from the side of the medium or in the working space. Independent claims are also included for the following: (1) a method for mixing and/or separating media (2) a method for treating fluid medium.

IPC 8 full level
B01F 5/00 (2006.01); **B04C 3/06** (2006.01)

CPC (source: EP)
B01F 25/10 (2022.01); **B04C 3/06** (2013.01); **B04C 2003/003** (2013.01)

Citation (search report)

- [X] DE 102004045823 A1 20060323 - VOITH PAPER PATENT GMBH [DE]
- [X] FR 2554738 A1 19850517 - CONOCO INC [US]
- [A] EP 0050312 A2 19820428 - HOECHST AG [DE]
- [A] DE 4021094 A1 19920116 - TREMA VERFAHRENSTECHNIK GMBH [DE]
- [A] US 4857197 A 19890815 - YOUNG GRANT A [US], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2397220 A2 20111221; EP 2397220 A3 20130731; EP 2397220 B1 20160420; DE 102010017409 A1 20111222

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EP 11169134 A 20110608; DE 102010017409 A 20100617