

Title (en)
PREMIXER AND ASSOCIATED INSTALLATION

Title (de)
VORMISCHER UND ZUGEHÖRIGE INSTALLATION

Title (fr)
PRÉMÉLANGEUR ET INSTALLATION ASSOCIÉE

Publication
EP 3092065 B1 20190710 (FR)

Application
EP 14828478 A 20141224

Priority
• FR 1450054 A 20140106
• EP 2014079292 W 20141224

Abstract (en)
[origin: WO2015101579A1] The invention relates to a fluid premixer for mixing a first fluid and a second fluid by aspirating the second fluid into the first fluid using a Venturi effect, the premixer comprising a pipe (12) comprising: - a first inlet (16) for the first fluid at a first pressure, - a second inlet (18) for the second fluid that is to be mixed with the first fluid to form a mixture, - an outlet (22) for the mixture at a second pressure, and - a shutter (24) of the pipe (12) able to move between a number of positions each one defining a distinct degree of shutting of the pipe (12), the premixer further comprising a control element (34) able to control the position of the shutter (24) according to the difference between the first pressure and the second pressure.

IPC 8 full level
B01F 5/04 (2006.01)

CPC (source: EP US)
A62C 5/008 (2013.01 - US); **A62C 5/02** (2013.01 - US); **B01F 23/235** (2022.01 - US); **B01F 25/312** (2022.01 - EP US); **B01F 25/31242** (2022.01 - EP US); **B01F 25/312511** (2022.01 - EP); **B01F 25/312511** (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 2015101579 A1 20150709; CN 106413869 A 20170215; CN 106413869 B 20191101; EP 3092065 A1 20161116; EP 3092065 B1 20190710; ES 2747921 T3 20200312; FR 3016132 A1 20150710; FR 3016132 B1 20160205; PL 3092065 T3 20200331; US 10232325 B2 20190319; US 2016325245 A1 20161110

DOCDB simple family (application)
EP 2014079292 W 20141224; CN 201480072486 A 20141224; EP 14828478 A 20141224; ES 14828478 T 20141224; FR 1450054 A 20140106; PL 14828478 T 20141224; US 201415109633 A 20141224