

Title (en)

METHOD AND DEVICE FOR CONTINUOUSLY TREATING A MIXTURE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN BEHANDLUNG EINES GEMISCHS

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT EN CONTINU D'UN MELANGE

Publication

**EP 3344379 B1 20220209 (FR)**

Application

**EP 16777711 A 20160829**

Priority

- FR 1558061 A 20150831
- FR 2016052135 W 20160829

Abstract (en)

[origin: WO2017037372A1] The invention relates to a method for treating a mixture (2) including at least one first phase (2a) and one second phase (2b) that cannot be mixed together, the method including the steps of: -circulating the mixture (2) in a tube (3) including a wall (4) and extending between an inlet portion (3a) and an outlet portion (3b), and - applying vibratory energy to the mixture (2) by means of transducers (6) that are arranged on the wall (4) of the tube (3) and operate at a frequency greater than 900 kHz, the vibratory energy making it possible to disperse the first phase (2a) in the second phase (2b).

CPC (source: EP)

**B01F 23/4111** (2022.01); **B01F 23/4145** (2022.01); **B01F 31/84** (2022.01); **B01F 33/811** (2022.01); **B01F 33/8212** (2022.01); **B01F 2215/0454** (2013.01)

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)

**FR 3040312 A1 20170303**; **FR 3040312 B1 20190607**; DK 3344379 T3 20220509; EP 3344379 A1 20180711; EP 3344379 B1 20220209; ES 2913242 T3 20220601; PT 3344379 T 20220511; WO 2017037372 A1 20170309

DOCDB simple family (application)

**FR 1558061 A 20150831**; DK 16777711 T 20160829; EP 16777711 A 20160829; ES 16777711 T 20160829; FR 2016052135 W 20160829; PT 16777711 T 20160829