

Title (en)

METHOD AND DEVICE FOR MAKING A DISPERSION OR AN EMULSION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER DISPERSION ODER EINER EMULSION

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION D'UNE DISPERSION OU D'UNE EMULSION

Publication

**EP 1551540 A1 20050713 (FR)**

Application

**EP 03778394 A 20031015**

Priority

- FR 0303035 W 20031015
- FR 0212803 A 20021015

Abstract (en)

[origin: US2006164912A1] A method and a device for making a dispersion or an emulsion ( 41 ) from at least two fluids known to be immiscible, the fluids constituting a dispersed phase ( 40 ) and a dispersing phase ( 44 ), the dispersed phase ( 40 ) being driven through a porous body ( 24 ) into the dispersing phase ( 44 ). The invention is characterized in that the porous body ( 24 ) is vibrated by a mechanical, electrical or magnetic excitation.

IPC 1-7

**B01F 11/02**; B01F 3/08; B01F 11/00

IPC 8 full level

**B01F 3/08** (2006.01); **B01F 11/02** (2006.01); **B01F 5/10** (2006.01)

CPC (source: EP US)

**B01F 23/4111** (2022.01 - EP US); **B01F 23/49** (2022.01 - EP US); **B01F 25/31421** (2022.01 - EP US); **B01F 31/84** (2022.01 - EP US); **B01F 25/50** (2022.01 - EP US); **Y10S 516/928** (2013.01 - EP)

Citation (search report)

See references of WO 2004035190A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2006164912 A1 20060727**; **US 7622510 B2 20091124**; AT E324174 T1 20060515; AU 2003285402 A1 20040504; AU 2003285402 B2 20081204; BR 0315292 A 20050830; BR 0315292 B1 20110712; CA 2501727 A1 20040429; CA 2501727 C 20110524; CN 1711129 A 20051221; CN 1711129 B 20100526; DE 60304883 D1 20060601; DE 60304883 T2 20070503; EP 1551540 A1 20050713; EP 1551540 B1 20060426; ES 2264016 T3 20061216; FR 2845619 A1 20040416; FR 2845619 B1 20050121; WO 2004035190 A1 20040429

DOCDB simple family (application)

**US 53122705 A 20050413**; AT 03778394 T 20031015; AU 2003285402 A 20031015; BR 0315292 A 20031015; CA 2501727 A 20031015; CN 200380103269 A 20031015; DE 60304883 T 20031015; EP 03778394 A 20031015; ES 03778394 T 20031015; FR 0212803 A 20021015; FR 0303035 W 20031015