

Title (en)
APPLICATION OF ULTRASOUND IN A MICROREACTOR

Title (de)
ANWENDUNG VON ULTRASCHALL IN EINEM MIKROREAKTOR

Title (fr)
APPLICATION D'ULTRASONNS DANS UN MICRORÉACTEUR

Publication
EP 3419750 A1 20190102 (EN)

Application
EP 17707331 A 20170227

Priority
• GB 201603238 A 20160225
• EP 2017054508 W 20170227

Abstract (en)
[origin: WO2017144720A1] The present invention provides a device for manipulation of fluids, the device comprising an ultrasonic oscillation source; a reactor base, whereby the reactor base comprises at least one channel; a fluid carrier for carrying a fluid stream, said fluid carrier adapted to be positioned in said at least one channel; characterized in that the fluid carrier is intermittently in direct contact with the at least one channels defining at least two contact areas.

IPC 8 full level
B01J 19/00 (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP)
B01F 25/4331 (2022.01); **B01F 31/86** (2022.01); **B01F 33/30** (2022.01); **B01F 35/7174** (2022.01); **B01J 19/0093** (2013.01); **B01J 2219/00792** (2013.01); **B01J 2219/00813** (2013.01); **B01J 2219/00817** (2013.01); **B01J 2219/0086** (2013.01); **B01J 2219/00889** (2013.01); **B01J 2219/00932** (2013.01)

Citation (search report)
See references of WO 2017144720A1

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)
WO 2017144720 A1 20170831; EP 3419750 A1 20190102; GB 201603238 D0 20160413

DOCDB simple family (application)
EP 2017054508 W 20170227; EP 17707331 A 20170227; GB 201603238 A 20160225