

Title (en)
MICROREACTOR SYSTEM

Title (de)
MIKROREAKTORSYSTEM

Title (fr)
SYSTEME MICROREACTEUR

Publication
EP 1450943 A1 20040901 (DE)

Application
EP 02802627 A 20021021

Priority
• DE 10155010 A 20011106
• EP 0211763 W 20021021

Abstract (en)
[origin: WO03039736A1] The invention relates to a microreactor system for the continuous synthesis, which provides defined reaction chambers and conditions for said synthesis, as well as to the uses of said microreactor in carrying out a chemical reaction. According to said invention, (a) said microreactor system (11) is of modular design, (b) a processing unit (10) is made up of processing modules which are connected to each other by frictional engagement and (c) the fluid connections in said processing unit (10) can be obtained by the frictional connection of said processing modules.

IPC 1-7
B01J 19/00; F15C 5/00; B01L 3/00

IPC 8 full level
B81B 1/00 (2006.01); **B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **B01L 99/00** (2010.01); **B01L 9/00** (2006.01)

CPC (source: EP US)
B01J 19/0093 (2013.01 - EP US); **B01L 3/5027** (2013.01 - EP US); **B01J 2219/0081** (2013.01 - EP US); **B01L 9/527** (2013.01 - EP US); **B01L 2200/028** (2013.01 - EP US)

Citation (search report)
See references of WO 03039736A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03039736 A1 20030515; DE 10155010 A1 20030515; EP 1450943 A1 20040901; JP 2005507775 A 20050324; US 2005025677 A1 20050203; US 7468165 B2 20081223

DOCDB simple family (application)
EP 0211763 W 20021021; DE 10155010 A 20011106; EP 02802627 A 20021021; JP 2003541622 A 20021021; US 49472504 A 20040818