

Title (en)  
PROCESS AND DEVICE FOR PRODUCING FINELY DIVIDED LIQUID-LIQUID FORMULATIONS, AND THE USES OF THESE LIQUID-LIQUID FORMULATIONS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG FEINTEILIGER FLÜSSIG-FLÜSSIG FORMULIERUNGEN SOWIE VERWENDUNGEN DERGESTALTER FLÜSSIG-FLÜSSIG FORMULIERUNGEN

Title (fr)  
PROCEDE ET DISPOSITIF DE PRODUCTION DE FORMULATIONS LIQUIDE-LIQUIDE A FINES PARTICULES ET UTILISATION DE TELLES FORMULATIONS

Publication  
**EP 1814651 A2 20070808 (DE)**

Application  
**EP 05806385 A 20051115**

Priority  
• EP 2005012233 W 20051115  
• DE 102004055507 A 20041117

Abstract (en)  
[origin: US2009073801A1] Process for producing finely divided liquid-liquid formulations and apparatus for producing the same, comprising a) a baffle having at least one inlet nozzle and a baffle having at least one outlet nozzle, the nozzles being arranged axially with respect to one another, a static mixer being located in the space between the baffles, and there being, additionally, if appropriate, mechanical introduction of energy, or b) a baffle having at least one inlet nozzle and an impingement plate, there being, if appropriate, in the space between the baffle and the impingement plate a static mixer and/or mechanical introduction of energy.

IPC 8 full level  
**A61K 9/10** (2006.01); **A61K 9/107** (2006.01); **B01F 25/46** (2022.01); **B29B 7/76** (2006.01); **C09K 23/50** (2022.01); **D21H 17/16** (2006.01)

CPC (source: EP US)  
**B01F 23/4105** (2022.01 - EP US); **B01F 23/4143** (2022.01 - EP); **B01F 23/4145** (2022.01 - EP); **B01F 25/23** (2022.01 - EP US); **B01F 25/25** (2022.01 - EP US); **D21H 21/16** (2013.01 - EP US); **B01F 23/4143** (2022.01 - US); **B01F 23/4145** (2022.01 - US); **B01F 25/42** (2022.01 - EP US); **B01F 2101/06** (2022.01 - EP US); **B01F 2101/21** (2022.01 - EP US); **B01F 2101/22** (2022.01 - EP US); **B01F 2101/47** (2022.01 - EP US); **D21H 17/16** (2013.01 - EP US); **D21H 17/17** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006053712A2

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

DOCDB simple family (publication)  
**US 2009073801 A1 20090319**; AT E494945 T1 20110115; CA 2586742 A1 20060526; CN 101060915 A 20071024; DE 102004055507 A1 20060518; DE 502005010858 D1 20110224; EP 1814651 A2 20070808; EP 1814651 B1 20110112; ES 2359839 T3 20110527; JP 2008520417 A 20080619; PT 1814651 E 20110217; WO 2006053712 A2 20060526; WO 2006053712 A3 20060831

DOCDB simple family (application)  
**US 71926605 A 20051115**; AT 05806385 T 20051115; CA 2586742 A 20051115; CN 200580039286 A 20051115; DE 102004055507 A 20041117; DE 502005010858 T 20051115; EP 05806385 A 20051115; EP 2005012233 W 20051115; ES 05806385 T 20051115; JP 2007541770 A 20051115; PT 05806385 T 20051115