Title (en)
   An emulsification apparatus

Title (de)
   Emulgierungsvorrichtung

Title (fr)
   Appareil d'émulsification

Publication
   EP 2033706 B1 20121128 (EN)

Application
   EP 08014632 A 20080818

Priority
   JP 2007230922 A 20070906

Abstract (en)
   [origin: EP2033706A2] An emulsifying apparatus (104), for emulsifying a first liquid and a second liquid, which is dissoluble in the first liquid, comprises: a first flow channel (210) , through which the first liquid flows; and a second flow channel (211), through which the second liquid flows, the first flow channel (210) and the second flow channel (211) being provided on a same plane, while insersecting each other in directions thereof, wherein the first and second liquids are mixed with at a portion where the first flow channel and the second flow channel intersects each other, thereby obtaining emulsion thereof; further comprises: a first member, on which a groove is formed in such a direction that it intersects the first flow channel (210); and a second member, which covers the groove and had a hole penetrating through the first flow channel (210), being laminated on the first member (201), wherein the first member is connected with an introductory member for introducing the first and second liquids, and the second member is connected with a delivery member for delivering an emulsified liquid therefrom, and the first flow channel (210) is communicated with in a direction of laminating the first member (201) and the second member (202).

IPC 8 full level
   B01F 3/08 (2006.01); **B01F 5/06** (2006.01); **B01F 13/00** (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)
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Cited by
   EP3520766A4; US8252239B2; US11534778B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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