

Title (en)
Device for emulsifying liquids

Title (de)
Vorrichtung zum Emulsifizieren von Flüssigkeiten

Title (fr)
Dispositif d'emulsification de liquides

Publication
EP 1084745 A2 20010321 (EN)

Application
EP 00870177 A 20000811

Priority
BE 9900550 A 19990813

Abstract (en)
The invention concerns a device for emulsifying liquids, comprising an emulsifying head with a cylindrical package (1), the cylindrical package comprising an inlet (2) to feed the liquids to be emulsified to the package and an outlet (3) to drain off the emulsified liquids from the package, at least three perforated radial discs (4,5,5') being mounted parallel to each other in axial direction of the package between the inlet (2) and the outlet (3) to form a series of narrow passages for the liquids to be emulsified, a first disc (5') mounted in the vicinity of the inlet (2) and a third disc (5) mounted in the vicinity of the outlet (3) being connected to the cylindrical package (1) and a second disc (4) being mounted rotatably in the package, between the first (5') and third discs (5). <IMAGE>

IPC 1-7
B01F 3/08; B01F 5/06; B01F 7/10

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

CPC (source: EP)
B01F 23/41 (2022.01); **B01F 25/45** (2022.01); **B01F 25/4511** (2022.01); **B01F 2215/0431** (2013.01)

Cited by
GB2615275A; CN108097135A; CN108043302A; WO2022081110A1

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

DOCDB simple family (publication)
EP 1084745 A2 20010321; **EP 1084745 A3 20030102**; BE 1012842 A6 20010403

DOCDB simple family (application)
EP 00870177 A 20000811; BE 9900550 A 19990813