

Title (en)
HOMOGENIZER

Title (de)
HOMOGENISATOR

Title (fr)
HOMOGÉNÉISATEUR

Publication
EP 2001581 B1 20090729 (DE)

Application
EP 07727524 A 20070329

Priority
• EP 2007053052 W 20070329
• DE 102006014817 A 20060329

Abstract (en)
[origin: WO2007113220A8] The invention relates to a homogenizer (11, 11', 11'') for the production of free-flowing products, for example, emulsions, suspensions or similar products, comprising a rotor (13, 13', 13'') with rotor blades (20, 21, 22) and driven by a motor (27) and a stator (14, 14', 14'') with flow elements (23, 24) which may be rotated. According to the invention, the design of conventional homogenizers with rotating stators may be simplified by provision of a coupling device (34, 35, 36, 39, 46) for the selective coupling or decoupling of the stator (14, 14', 14'') to or from the rotor (13, 13', 13''), wherein in a coupled state the stator (14, 14', 14'') is driven by the rotor (13, 13', 13'').

IPC 8 full level
B01F 7/00 (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)
B01F 27/2711 (2022.01); **B01F 35/31** (2022.01); **B01F 23/41** (2022.01)

Cited by
CN104174323A

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007113220 A1 20071011; WO 2007113220 A8 20080327; AT E437694 T1 20090815; DE 502007001196 D1 20090910;
EP 2001581 A1 20081217; EP 2001581 B1 20090729

DOCDB simple family (application)
EP 2007053052 W 20070329; AT 07727524 T 20070329; DE 502007001196 T 20070329; EP 07727524 A 20070329