

Title (en)  
HOMOGENIZER

Title (de)  
HOMOGENISATOR

Title (fr)  
HOMOGÉNÉISATEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2007113220A1] 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'').

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