

Title (en)  
HEATABLE HOMOGENIZER

Title (de)  
BEHEIZBARER HOMOGENISATOR

Title (fr)  
HOMOGÉNÉISEUR CHAUFFABLE

Publication  
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Application  
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Abstract (en)  
[origin: WO2010142260A1] The invention relates to a homogenizer (10), comprising an inflow (20) leading to a homogenization chamber, an outflow (30) leading out of the homogenization chamber, a stator (40) and a rotor head (50), which together with the stator (40) generates shear forces, wherein the stator (40) and rotor head (50) are arranged in the homogenization chamber, a rotor shaft (60) connected to the rotor head (50), a rotor bearing disposed on a rotor bearing support (70) and supporting the rotor shaft (60), and a motor (80) driving the rotor shaft, characterized in that the rotor bearing support (70) comprises a cavity (90) for receiving a heat transfer medium, said cavity being provided with an inflow (90a) and an outflow (90b).

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