

Title (en)
METHOD AND DEVICE FOR MIXING, IN PARTICULAR FOR DISPERSION

Title (de)
VORRICHTUNG UND VERFAHREN ZUM MISCHEN, INSBESONDERE ZUM DISPERGIEREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE MÉLANGE, EN PARTICULIER DE DISPERSION

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Application
EP 16714306 A 20160322

Priority
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Abstract (en)
[origin: WO2016165917A1] A device (1) for mixing, in particular dispersing, comprises a housing (2) with at least one inlet (3). The device comprises a first process region (4) for the mixing of supplied substances, wherein the substances can be introduced into the first process region (4) through the at least one inlet (3). The device furthermore comprises a second process region (5) for the discharging of the mixture to an outlet (6). Furthermore, the device comprises a first gap-forming element (7), preferably a rotor, which is assigned to the first process region (4) and which comprises openings (8), and a second gap-forming element (9), preferably a stator, which is assigned to the second process region (5) and which corresponds with the first gap-forming element (7), wherein the second gap-forming element (9) comprises openings (10). At least one of the gap-forming elements (7, 9), preferably the rotor, is designed to be rotatable relative to the other gap-forming element (7, 9) about an axis of rotation (11). The openings (8) of the first gap-forming element (7) and the openings (10) of the second gap-forming element (9) are arranged such that a mixture of the supplied substances can be conducted through the openings (8, 10) in the two gap-forming elements (7, 9) from the first (4) into the second process region (5).

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