

Title (en)

MIXING DEVICE, METHOD FOR MIXING, AND METHOD FOR CLEANING A MIXING DEVICE

Title (de)

MISCHVORRICHTUNG, VERFAHREN ZUM MISCHEN UND VERFAHREN ZUM REINIGEN EINER MISCHVORRICHTUNG

Title (fr)

DISPOSITIF DE MÉLANGE, PROCÉDÉ DE MÉLANGE ET PROCÉDÉ DE NETTOYAGE D'UN DISPOSITIF DE MÉLANGE

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Application

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Abstract (en)

[origin: WO2019029866A1] The present invention relates to a mixing device (1), especially for mixing solids in a mixing vessel (2), comprising a stirring element (4) having at least two helical stirrer blades (7, 8) connected to a motor-driven shaft (5), wherein the stirrer blades (7, 8) have a first portion (10), a second portion (11) and a third portion (12), every one of these portions (10, 11, 12) has a constant gradient (m1, m2, m3) of one steepness or a gradient (m1, m2, m3) which is different from the constant gradient and has a curvature, and at least one of the constant gradients (m1, m2, m3) has a steepness different from the at least one other constant gradient (m1, m2, m3), or one of the different gradients (m1, m2, m3) has a curvature that is different from the at least one other different gradient (m1, m2, m3).

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