

Title (en)

MIXING DEVICE HAVING A STIRRING ELEMENT, AND MIXING DEVICE SYSTEM

Title (de)

MISCHVORRICHTUNG MIT EINEM RÜHRELEMENT UND MISCHVORRICHTUNGSSYSTEM

Title (fr)

DISPOSITIF DE MÉLANGE COMPRENANT UN ÉLÉMENT AGITATEUR ET SYSTÈME DE DISPOSITIF DE MÉLANGE

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Application

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Abstract (en)

[origin: WO2020052817A1] The present invention relates to a mixing device having a stirring element (7) that comprises: a container (3) for receiving fluids and/or solids; and at least one rotatable stirring element (7) for mixing the fluids and/or solids; wherein the stirring element (7) comprises a first bearing element (23) and a second bearing element (25) which are arranged at or near opposite ends of the stirring element (7); wherein the first bearing element (23) is mounted on a first face (15) of the container (3) and the second bearing element (25) is mounted on an opposite second face (17) of the container (3); wherein the first bearing element (23) comprises at least one non-permanently magnetized element (33) such that it can be moved in rotation by externally induced reluctance forces, and wherein the second bearing element (25) is mounted in a contactless manner by externally induced magnetic forces. The invention also relates to a mixing device system.

IPC 8 full level

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