

Title (en)
DEVICE FOR STIRRING LIQUIDS AND LIQUID MIXTURES

Title (de)
VORRICHTUNG ZUM RÜHREN VON FLÜSSIGKEITEN UND FLÜSSIGKEITSGEMISCHEN

Title (fr)
DISPOSITIF POUR AGITER DES LIQUIDES ET DES MÉLANGES DE LIQUIDES

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EP 3505233 A1 20190703 (EN)

Application
EP 18193658 A 20180911

Priority
NL 2019519 A 20170911

Abstract (en)
The invention relates to a device for stirring liquids and liquid mixtures, the device comprising a housing extending in an axial direction, in which the housing comprises a proximal end and a distal end, and defines an internal volume (18) that is closed along the distal end, and further comprising a rotor (11), with at least one stirring element (13) connected, in which the rotor defines a holder (11a) that receives said housing along its distal end, in such way that the rotor sits radially bearing onto the housing, in a mutually rotating way around the axial direction, the holder further comprising a plurality of permanent magnets (14) and the device further comprising a plurality of electromagnetic windings (9); in particular said electromagnetic windings are comprised by said internal volume and are configured for electromagnetically interacting with the permanent magnets, thereby exercising a force-couple onto the rotor, around the axial direction.

IPC 8 full level
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CPC (source: EP)
B01F 27/2321 (2022.01); **B01F 33/4535** (2022.01)

Citation (search report)

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