

Title (en)
MODULAR STIRRING MECHANISM

Title (de)
MODULARES RÜHRWERK

Title (fr)
AGITATEUR MODULAIRE

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Application
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Abstract (en)
[origin: WO2018024708A1] The invention relates to a modular stirring mechanism (2) which has a drive (3), a stirring mechanism unit (4), and a magnet coupling (1). The magnet coupling (1) is arranged between the drive (3) and the stirring mechanism unit (4) and has a cylindrical cavity (5), drive magnets (6), and stirring mechanism unit magnets (7). The drive magnets (6) are connected to the drive (3), and the stirring mechanism unit magnets (7) are connected to the stirring mechanism unit (4) and are arranged radially about the cavity (5). In the open state of the magnet coupling (1), the cavity (5) is open at the cavity end opposite the stirring mechanism unit (4), and the drive magnets (6) can be introduced into the cavity (5) of the magnet coupling (1) in order to close the magnet coupling (1) so as to couple the drive (3) and the stirring mechanism unit (4) and can be arranged on a plane together with the stirring mechanism magnets (7). The magnet coupling (1) has a quick closure (8) which closes the cavity (5) and establishes a connection between the drive (3) and the stirring mechanism unit (4) when the magnet coupling (1) is closed.

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