

Title (en)
CENTRIFUGE WITH REPLACEABLE ROTORS

Title (de)
ZENTRIFUGE MIT AUSTAUSCHBAREN ROTOREN

Title (fr)
CENTRIFUGEUSE AVEC ROTORS REMPLACEABLES

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Application
EP 16714769 A 20160311

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Abstract (en)
[origin: WO2016146527A1] The invention relates to a dual centrifuge (10) which has the following: a driveshaft (16), a rotor (20), which is mounted on the driveshaft (16) and which can be removed axially in a removal direction (E), for a dual centrifuge, having at least one rotational unit (30); an opening (18) in the rotor (20), wherein an end region (16a) of the driveshaft (16) at least engages into said opening; and an additional drive mechanism (32) for the rotational unit or the rotational units (30). The dual centrifuge additionally has a design for operating various additional types of rotors; however, only one rotor (20, 40, 50) can be arranged on the driveshaft (16) at all times. The various rotor types (40, 50) are also adapted to the additional drive mechanism (32) for the rotational units (30) such that the function is not adversely affected. The invention is characterized by a design for operating at least one angular head rotor (40) and a swing-out rotor (50). For this purpose, the driveshaft (16) and the various rotor types (40, 50) are adapted to each other. The bearing (16), the driveshaft (16), and the various rotor types (40, 50) are adapted to one another such that each non-dual rotor (40, 50) has a geometry that is measured such that when the rotor (40, 50) is mounted, a drive means (32a) of the additional drive mechanism (32) for the rotational units (30) is arranged so as to not contact the mounted rotor (40, 50).

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