

Title (en)
CENTRIFUGE TEMPERATURE CONTROL

Title (de)
ZENTRIFUGENTEMPERIERUNG

Title (fr)
MISE EN TEMPÉRATURE DE LA CENTRIFUGEUSE

Publication
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Application
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Abstract (en)
[origin: WO2020212045A1] The present invention relates to a centrifuge (10) with temperature control, and to a method for controlling the temperature of a centrifuge. The centrifuge, which is embodied in particular as a laboratory centrifuge (10), has a centrifuge container (30) in which a centrifuge rotor (20) can be accommodated, a centrifuge motor (26) for driving the centrifuge rotor (28), a housing (12) with a base (20) and lateral side walls (16, 17, 18), wherein the centrifuge container (30), the centrifuge rotor (28) and the centrifuge motor (26) are accommodated in the housing (12), and a temperature control device for controlling the temperature of the centrifuge rotor (28), wherein the temperature control device has air directing means (38) which are adapted to suck in air (160) into the centrifuge container (30) in a lower region (151). This temperature control of the centrifuge (10) operates more effectively than previously, wherein heat-emitting centrifuge components (26, 34, 36), such as a centrifuge motor (26) and electronic components (34, 36), can also be cooled at the same time. In addition, this temperature control also functions when a safety container (32) is arranged around the centrifuge container (30).

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