

Title (en)  
CENTRIFUGE

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Publication  
**EP 3135381 B1 20191023 (DE)**

Application  
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Abstract (en)  
[origin: US2017056893A1] The invention relates to a centrifuge (10) comprising a housing (12), a rotor (32), a safety vessel (26) in which the rotor (32) is supported on a drive shaft (37) extending through the safety vessel (26) and a centrifuge cover (16) limiting an inner space (24) of the housing (12), wherein the safety vessel (26) is provided in the inner space (24), a gaseous coolant enters the inner space (24) via a suction opening (20), flows through the inner space (24), thereby guided laterally past the safety vessel (26) and at least sectionally past the drive motor via the rotor (32), and laterally exits the inner space (24) of the housing (12) through an outlet opening (46). The invention is characterized by a channel (41) being provided for the gaseous coolant, running around the safety vessel (26) at least in part and formed by the safety vessel (26) and at least one flow guidance (40), provided in radial direction.

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Cited by  
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