

Title (en)
CENTRIFUGE AND SWING-OUT ROTOR

Title (de)
ZENTRIFUGE UND AUSSCHWINGROTOR

Title (fr)
CENTRIFUGEUSE ET ROTOR LIBRE

Publication
EP 3485977 B1 20230823 (DE)

Application
EP 18206065 A 20181113

Priority
DE 102017127039 A 20171116

Abstract (en)
[origin: US2019143341A1] A centrifuge includes a swing rotor. Rotor arms of the swing rotor have recesses into which hangers of the swing rotor at least partially swing in a swung-out state. As a result, the centrifuge container and thus also the centrifuges are more compact, because the swinging-out requires less space. An inertial mass of the swing rotor is reduced due to the recesses provided therein, whereby energy consumption, primarily when starting the centrifuge, is significantly reduced.

IPC 8 full level
B04B 5/04 (2006.01)

CPC (source: EP US)
B04B 5/0421 (2013.01 - EP US); **B04B 2011/046** (2013.01 - US)

Designated contracting state (EPC)
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EP 18206065 A 20181113; CN 201811366960 A 20181116; DE 102017127039 A 20171116; JP 2018214700 A 20181115; US 201816191942 A 20181115