

Title (en)  
ROTOR OF A DUAL CENTRIFUGE

Title (de)  
ROTOR EINER DUALEN ZENTRIFUGE

Title (fr)  
ROTOR D'UNE CENTRIFUGEUSE DOUBLE

Publication  
**EP 3245005 A1 20171122 (DE)**

Application  
**EP 15808121 A 20151124**

Priority  
• DE 102015100613 A 20150116  
• EP 2015077540 W 20151124

Abstract (en)  
[origin: WO2016113023A1] The invention relates to a rotor (10) of a dual centrifuge. The rotor can be rotated about a drive axis (A) in a centrifuge and comprises rotary units (26) that are arranged symmetrically to one another and have a bearing (32) and a rotary head (30) which is connected to the bearing and which is mounted in the bearing in a rotatable manner about a rotational axis (R1, R2). The rotary head (30) can be driven about the rotational axis (R1, R2) relative to the rotor by another rotary mechanism (46) of the centrifuge and has a rotary head receiving area (80) for at least one sample container or sample container receptacle (100, 110). The rotational axis (R1, R2) of the rotary head (30) is inclined relative to the drive axis (A) of the rotor, the rotary head receiving area (80) is designed to receive an elongated sample container receptacle (100, 110) or an elongated sample container, and the longitudinal axis of the sample container receptacle (100, 110) introduced into the rotary head receiving area (80) or the longitudinal axis of the sample container introduced into the rotary head receiving area (80) is oriented at an angle ranging between more than 0° and less than 90° relative to the rotational axis (R1, R2). At least one connection region (52) is provided to which at least one damping mass (54) can be attached in a releasable manner and in a rigid manner via a fixing element.

IPC 8 full level  
**B04B 5/02** (2006.01); **B02C 17/08** (2006.01); **B04B 9/12** (2006.01); **B04B 9/14** (2006.01)

CPC (source: CN EP US)  
**B01F 29/10** (2022.01 - US); **B01F 29/15** (2022.01 - US); **B01F 35/50** (2022.01 - US); **B02C 17/08** (2013.01 - CN EP US); **B04B 5/02** (2013.01 - CN EP US); **B04B 9/12** (2013.01 - CN EP US); **B04B 9/14** (2013.01 - CN EP US); **B01F 29/4035** (2022.01 - US); **B01F 35/333** (2022.01 - US); **B01F 2035/352** (2022.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102015100613 A1 20160721**; CN 107206397 A 20170926; CN 107206397 B 20190927; EP 3245005 A1 20171122; JP 2018501953 A 20180125; JP 6924143 B2 20210825; US 10322419 B2 20190618; US 2018036744 A1 20180208; WO 2016113023 A1 20160721

DOCDB simple family (application)  
**DE 102015100613 A 20150116**; CN 201580073700 A 20151124; EP 15808121 A 20151124; EP 2015077540 W 20151124; JP 2017537396 A 20151124; US 201515543999 A 20151124