

Title (en)  
CENTRIFUGE ROTOR

Title (de)  
ROTOR FÜR EINE ZENTRIFUGE

Title (fr)  
ROTOR CONÇU POUR UNE CENTRIFUGEUSE

Publication  
**EP 1877193 A1 20080116 (DE)**

Application  
**EP 06753442 A 20060428**

Priority  
• EP 2006003962 W 20060428  
• DE 202005007162 U 20050502

Abstract (en)  
[origin: US2009272680A1] A rotor for a centrifuge (1), wherein the rotor is rotatably driven about a rotation axis and includes two parts, i.e., a central bearing part and a waste collecting part which is provided with a waste collecting area. The waste collecting part is separable from the bearing part for waste disposal or cleaning. The bearing part and waste collecting part are provided with torque transmitting surfaces which interact with each other in a form-fitting and/or adherence manner and are connectable by axially positioning the waste collecting part on the bearing part and disconnectable by axially removing the waste collecting part from the bearing part. The rotor is formed such that the circumferences of the bearing part and the waste collecting part are connectable in a form-fitting manner and arranged in such a way that the waste collecting part circumference is placed or rests on the corresponding circumference of the bearing part already at the initial state of the waste collecting part or as result of the radial expansion thereof produced by a centrifugal force and/or by heating.

IPC 8 full level  
**B04B 5/00** (2006.01)

CPC (source: EP US)  
**B04B 5/005** (2013.01 - EP US); **B04B 9/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006117141A1

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