

Title (en)  
CENTRIFUGE

Publication  
**EP 0048928 B1 19851218 (DE)**

Application  
**EP 81107515 A 19810922**

Priority  
DE 3036538 A 19800927

Abstract (en)  
[origin: ES8206219A1] A centrifuge with swinging sample vessels has a rotor with curved rolling support faces on which the sample vessels may be rolled as they are moved into and out of a horizontal position by centrifugal force on centrifuging. Because of the use of a system with rolling structures for swinging of the vessels, a design of centrifuge is produced which is simple in structure, needs little upkeep and whose rotor is low in weight and does not have any cup supports or the like for supporting the sample vessels.

IPC 1-7  
**B04B 5/04**

IPC 8 full level  
**B04B 5/02** (2006.01); **B04B 5/04** (2006.01)

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

Cited by  
EP0177849A3; WO9743621A1; EP2593232B1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0048928 A2 19820407**; **EP 0048928 A3 19830803**; **EP 0048928 B1 19851218**; AT E16985 T1 19860115; DE 3036538 A1 19820513;  
DE 3036538 C2 19830714; DE 3173265 D1 19860130; ES 505641 A0 19820816; ES 8206219 A1 19820816; JP S5787859 A 19820601;  
US 4435167 A 19840306

DOCDB simple family (application)  
**EP 81107515 A 19810922**; AT 81107515 T 19810922; DE 3036538 A 19800927; DE 3173265 T 19810922; ES 505641 A 19810919;  
JP 15285581 A 19810926; US 30440981 A 19810921