

Title (en)  
CENTRIFUGE HAVING AXIALLY ORIENTED SEPARATOR SURFACES

Title (de)  
ZENTRIFUGE MIT AXIAL AUSGERICHTETEN ABLAGERUNGSFLÄCHEN

Title (fr)  
CENTRIFUGEUSE A SURFACES DE SEPARATION ORIENTEES AXIALEMENT

Publication  
**EP 1268074 B1 20050928 (DE)**

Application  
**EP 01943201 A 20010329**

Priority  
• EP 0103563 W 20010329  
• US 19420900 P 20000403

Abstract (en)  
[origin: WO0174492A3] The invention relates to an inset for a centrifuge rotor. The inset preferably consists of an inner tube (48) and an outer tube (50). Said inset can be perfectly fitted into the appurtenant centrifuge rotor by means of said tubes in such a way that the fluid is forced to flow through between separator surfaces (52) that are configured in a bent manner and are situated between the outer tube and the inner tube. Said surfaces result in an optimum separation of the particles by virtue of the bend thereof, said particles being in the fluid. Such an inset can especially be used in free jet centrifuges for cleaning lubricating oil of an internal combustion engine.

IPC 1-7  
**B04B 7/12**; B04B 1/04; B04B 9/06

IPC 8 full level  
**B04B 1/04** (2006.01); **B04B 5/00** (2006.01); **B04B 7/12** (2006.01)

CPC (source: EP)  
**B04B 1/04** (2013.01); **B04B 5/005** (2013.01); **B04B 7/12** (2013.01)

Cited by  
DE102016206823A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0174492 A2 20011011**; **WO 0174492 A3 20020404**; AT E305336 T1 20051015; AU 6584501 A 20011015; DE 50107568 D1 20060209; EP 1268074 A2 20030102; EP 1268074 B1 20050928

DOCDB simple family (application)  
**EP 0103563 W 20010329**; AT 01943201 T 20010329; AU 6584501 A 20010329; DE 50107568 T 20010329; EP 01943201 A 20010329