

Title (en)
ROTOR, ESPECIALLY FOR INCORPORATION INTO THE ENCLOSURE OF A FREE JET CENTRIFUGE

Title (de)
ROTOR, INSBESONDERE ZUM EINBAU IN DAS GEHÄUSE EINER FREISTRAHLZENTRIFUGE

Title (fr)
ROTOR, A INCORPORER NOTAMMENT DANS LE CARTER D'UNE CENTRIFUGEUSE A JET LIBRE

Publication
EP 1011868 A1 20000628 (DE)

Application
EP 98919273 A 19980416

Priority
• DE 19715661 A 19970416
• EP 9802219 W 19980416

Abstract (en)
[origin: WO9846361A1] Disclosed is a rotor (1) designed to be incorporated into the enclosure (16) of a free jet centrifuge. At least the rotor head (11) is of plastic. Grooves, preferably radial, are provided inside the rotor for reinforcing same and facilitate the supply of centrifugation liquid. Owing to its form, the plastic centrifuge rotor (11) can be comprised of a reduced number of parts. The rotor may consist of two elements, either locked or welded. The oil centrifuge fitted with such a rotor is particularly suitable for cleaning lubricating oil used in internal combustion engines.

IPC 1-7
B04B 5/00

IPC 8 full level
B04B 7/08 (2006.01); **B04B 5/00** (2006.01); **F01M 11/03** (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP KR US)
B04B 5/00 (2013.01 - KR); **B04B 5/005** (2013.01 - EP US); **F01M 2001/1035** (2013.01 - EP US); **F01M 2013/0422** (2013.01 - EP US)

Citation (search report)
See references of WO 9846361A1

Cited by
EP3801920A4

Designated contracting state (EPC)
BE DE ES FR GB IT NL SE

DOCDB simple family (publication)
WO 9846361 A1 19981022; BR 9808600 A 20020122; CA 2310023 A1 19981022; CA 2310023 C 20070828; CZ 295084 B6 20050518; CZ 9903665 A3 20001213; DE 19715661 A1 19981022; DE 59803548 D1 20020502; EP 1011868 A1 20000628; EP 1011868 B1 20020327; ES 2175704 T3 20021116; JP 2001518839 A 20011016; KR 100628578 B1 20060927; KR 20010006476 A 20010126; US 6224531 B1 20010501

DOCDB simple family (application)
EP 9802219 W 19980416; BR 9808600 A 19980416; CA 2310023 A 19980416; CZ 366599 A 19980416; DE 19715661 A 19970416; DE 59803548 T 19980416; EP 98919273 A 19980416; ES 98919273 T 19980416; JP 54350698 A 19980416; KR 19997009566 A 19991016; US 40310000 A 20000306