

Title (en)
CENTRIFUGAL OIL SEPARATOR

Title (de)
ZENTRIFUGAL- LABSCHEIDER

Title (fr)
ZENTRIFUGAL-OLABSCHEIDER

Publication
EP 1581726 A2 20051005 (DE)

Application
EP 04701014 A 20040109

Priority
• DE 10300729 A 20030111
• EP 2004050010 W 20040109

Abstract (en)
[origin: WO2004063538A2] The invention relates to a centrifugal oil separator which comprises a disk separator disposed in a housing and having a plurality of spaced-apart disks between which paths of flow for a gas to be cleaned are provided. The paths of flow connect a flow-in space located on the radial exterior of the disk separator to an inner, axial flow-off channel. The flow-in space is supplied with pressurized gas via a rotation element that is configured as a compressor wheel and that is disposed in the area of an axial front of the disk separator.

IPC 1-7
F01M 1/00

IPC 8 full level
F01M 13/04 (2006.01)

CPC (source: EP US)
B04B 5/12 (2013.01 - EP US); **F01M 13/04** (2013.01 - EP US); **B04B 2005/125** (2013.01 - EP US); **F01M 2013/0422** (2013.01 - EP US)

Citation (search report)
See references of WO 2004063538A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004063538 A2 20040729; WO 2004063538 A3 20040910; DE 10300729 A1 20040722; EP 1581726 A2 20051005; US 2006090430 A1 20060504; US 7445653 B2 20081104

DOCDB simple family (application)
EP 2004050010 W 20040109; DE 10300729 A 20030111; EP 04701014 A 20040109; US 17734505 A 20050711