

Title (en)
Centrifugal pump unit

Title (de)
Kreispumpenaggregat

Title (fr)
Dispositif de pompe centrifuge

Publication
EP 1873399 B1 20121205 (DE)

Application
EP 06013504 A 20060629

Priority
EP 06013504 A 20060629

Abstract (en)
[origin: EP1873399A1] The pump unit has a gas separation device for separating gas from fluid to be conveyed, where the gas separation device is arranged on a suction side. The gas separating device exhibits a plumping body (2) partially arranged in a suction sided flow way of the fluid and arranged on housing side with a distance to a suction mouth (8) of a pump. The plumping body is designed as fins, which are connected with a gas separating housing (4). A partition wall (7) is designed as a rotationally symmetric disk-shaped construction unit.

IPC 8 full level
F04D 9/00 (2006.01)

CPC (source: EP US)
F04D 9/003 (2013.01 - EP US)

Cited by
EP2180190A3

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

DOCDB simple family (publication)
EP 1873399 A1 20080102; EP 1873399 B1 20121205; CN 101096954 A 20080102; CN 101096954 B 20110914; PL 1873399 T3 20130628; US 2008008578 A1 20080110; US 9028204 B2 20150512

DOCDB simple family (application)
EP 06013504 A 20060629; CN 200710126296 A 20070629; PL 06013504 T 20060629; US 77076307 A 20070629