

Title (en)
DIAPHRAGM AND CENTRIFUGAL ROTATING MACHINE

Title (de)
MEMBRAN UND ZENTRIFUGALE DREHMASCHINE

Title (fr)
DIAPHRAGME ET MACHINE TOURNANTE CENTRIFUGE

Publication
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Application
EP 15746259 A 20150204

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Abstract (en)
[origin: US2016327050A1] A diaphragm rotatably covers an impeller around an axis. A diaphragm has a suction flow channel configured to supply a gas toward an inlet of an impeller, a diffuser flow channel through which the gas discharged from the impeller outward in a radial direction flows, and a communication section configured to bring the suction flow channel and the diffuser flow channel in constant communication with each other.

IPC 8 full level
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CPC (source: EP US)
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F04D 29/682 (2013.01 - EP US)

Citation (search report)
• [I] US 2007147987 A1 20070628 - KIRTLEY KEVIN R [US]
• [A] US 2013272909 A1 20131017 - NAWROCKI GILLES [FR]
• [A] US 2305226 A 19421215 - STALKER EDWARD A
• [A] JP 2010185361 A 20100826 - MITSUBISHI HEAVY IND LTD
• See references of WO 2015119140A1

Designated contracting state (EPC)
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