

Title (en)
INTEGRATED CENTRIFUGAL COMPRESSOR UNIT

Title (de)
GRUPPE VON INTEGRIERTEN ZENTRIFUGALKOMPRESSOREN

Title (fr)
GROUPE COMPRESSEUR CENTRIFUGE

Publication
EP 1604115 A1 20051214 (FR)

Application
EP 03727579 A 20030310

Priority
FR 0300768 W 20030310

Abstract (en)
[origin: US2004179961A1] This compressor unit comprises a motor (34) and at least one compressor (44) comprising a driven shaft (54) driven by the rotor of the motor and bladed wheels fitted on the driven shaft (54), the assembly composed of the motor and the compressor being installed in a common casing (55) leak tight to the gas manipulated by the compressor unit. The rotor and the driven shaft are connected through a flexible coupling (72) placed in the casing.

IPC 1-7
F04D 17/12; F04D 29/04; F04D 25/06; F04D 25/02

IPC 8 full level
F04D 17/12 (2006.01); **F04D 25/02** (2006.01); **F04D 25/06** (2006.01); **F04D 29/04** (2006.01); **F04D 29/058** (2006.01)

CPC (source: EP NO US)
F04D 17/125 (2013.01 - EP NO US); **F04D 25/022** (2013.01 - EP NO US); **F04D 25/0606** (2013.01 - EP NO US); **F04D 29/054** (2013.01 - EP US); **F04D 29/058** (2013.01 - EP US)

Citation (search report)
See references of WO 2004083644A1

Designated contracting state (EPC)
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US 2004179961 A1 20040916; **US 7144226 B2 20061205**; AU 2003233369 A1 20041011; CY 1117875 T1 20170517; EP 1604115 A1 20051214; EP 1604115 B1 20160511; EP 1604115 B8 20160713; ES 2586658 T3 20161018; HU E029908 T2 20170428; NO 20054198 D0 20050909; NO 20054198 L 20051007; NO 339342 B1 20161128; SI 1604115 T1 20161028; WO 2004083644 A1 20040930

DOCDB simple family (application)
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