

Title (en)  
CENTRIFUGAL COMPRESSOR.

Title (de)  
ZENTRIFUGALVERDICHTER.

Title (fr)  
COMPRESSEUR CENTRIFUGE.

Publication  
**EP 0257098 A4 19891027 (DE)**

Application  
**EP 86902582 A 19860220**

Priority  
SU 8600016 W 19860220

Abstract (en)  
[origin: WO8705080A1] A centrifugal compressor comprises a casing (1) closed on at least one side with a cover (4) and provided with inletting (8) and outletting (9) chambers, a pack (6) of stator elements mounted inside the casing and containing diaphragms (10, 11, 12, 13), diffusers (14, 15) and reverse guiding apparatuses (16) rigidly interconnected to each other, and a rotor (7) forming, together with the stator elements of the pack (6), compression stages. Each diaphragm (10, 11, 12, 13) of the stator pack (6) is made in one piece.

IPC 1-7  
**F04D 17/12**

IPC 8 full level  
**F04D 29/42** (2006.01); **F04D 29/44** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)  
**F04D 17/122** (2013.01); **F04D 29/624** (2013.01)

Citation (search report)

- US 3976395 A 19760824 - KALNIN IGOR MARTYNOVICH, et al
- See references of WO 8705080A1

Cited by  
DE102014216349A1; EP3165772A1; EP0840016A3; WO2016026825A1; WO9117341A1; WO2017076584A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 8705080 A1 19870827**; EP 0257098 A1 19880302; EP 0257098 A4 19891027; JP S63502679 A 19881006

DOCDB simple family (application)  
**SU 8600016 W 19860220**; EP 86902582 A 19860220; JP 50237386 A 19860220