

Title (en)  
Compressor stator stage

Title (de)  
Statorstufe eines Verdichters

Title (fr)  
Etage redresseur d'un compresseur

Publication  
**EP 1213484 B1 20060315 (FR)**

Application  
**EP 00870292 A 20001206**

Priority  
EP 00870292 A 20001206

Abstract (en)  
[origin: EP1213484A1] A diffuser stage comprises concentric external and internal (4) flanges connected to each other by a series of fixed blades (60,61,62). At least one of the flanges has a series of slots (14,15) for the passage of the blades. The blades have at their ends (16,17) a cut-out (20,21,22, 30,31,32) for the passage of a locking element (40,50) which simultaneously unites all the blades in the diffuser stage.

IPC 8 full level  
**F04D 29/54** (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)  
**F01D 9/042** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US)

Cited by  
EP2204546A1; FR2964427A1; EP2204539A3; CN103835771A; EP3266986A1; EP3284912A1; EP3266985A1; US10633988B2; WO2012032017A1; US10450878B2; US10472979B2; US8764392B2; WO2015132523A2; US10190426B2

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**EP 1213484 A1 20020612; EP 1213484 B1 20060315**; DE 60026687 D1 20060511; DE 60026687 T2 20061109; US 2002085916 A1 20020704; US 6595747 B2 20030722

DOCDB simple family (application)  
**EP 00870292 A 20001206**; DE 60026687 T 20001206; US 83001 A 20011130