

Title (en)  
Axial compressor diffuser architecture

Title (de)  
Leitschaufelbaugruppe

Title (fr)  
Architecture de redresseur de compresseur

Publication  
**EP 2402615 B1 20150812 (FR)**

Application  
**EP 10167643 A 20100629**

Priority  
EP 10167643 A 20100629

Abstract (en)  
[origin: EP2402615A1] The rectifier has multiple stator vanes (5) that connect an inner collar (4) to an outer collar (3). The vane has a blade and a blade-head platform. An intermediate element (6) is arranged between the inner collar and the outer collar, and fastened to the outer collar. The intermediate element has openings (14) for the passage of the vane blades. One side of a vane platform rests on the outer collar while the other side rests on the intermediate element.

IPC 8 full level  
**F04D 29/16** (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01); **F04D 29/54** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP US)  
**F01D 25/246** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F04D 29/644** (2013.01 - EP US);  
**F05D 2250/71** (2013.01 - EP US)

Cited by  
EP2811121A1; EP2930308A1; US9896972B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2402615 A1 20120104; EP 2402615 B1 20150812**; CA 2744571 A1 20111229; CA 2744571 C 20170110; US 2011318174 A1 20111229;  
US 8944752 B2 20150203

DOCDB simple family (application)  
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