

Title (en)

System with jaws for connecting two flanges, in particular for a compressor shroud

Title (de)

Flanschverbindung mit Klemmbacke, insbesondere für einen Axialverdichter

Title (fr)

Système de raccordement avec mâchoires de deux viroles, notamment d'un compresseur

Publication

**EP 1939459 B1 20180425 (FR)**

Application

**EP 06127255 A 20061227**

Priority

EP 06127255 A 20061227

Abstract (en)

[origin: EP1939459A1] The system has two annular flanges (203, 204) each containing a proximal face (203p) adapted to be integral with one of two tubular members i.e. ferrules (201, 202), and a distal face (203d). Securing members include one pair of jaws (207, 208) connected by a set of tensile members e.g. screws (209), where each jaw is provided for abutting against the proximal face of one of the flanges. One of the jaws includes radial shoulders for forming a positive connection with complementary units in both flanges for a transmission of circumferential stresses between both flanges. An independent claim is also included for an axial compressor case comprising a set of ferrules.

IPC 8 full level

**F04D 29/52** (2006.01); **F01D 25/24** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP US)

**F01D 25/246** (2013.01 - EP US); **F04D 29/522** (2013.01 - EP US); **F04D 29/644** (2013.01 - EP US); **F05B 2260/301** (2013.01 - EP US); **Y10T 29/53987** (2015.01 - EP US)

Citation (examination)

- EP 1517045 A2 20050323 - PFEIFFER VACUUM GMBH [DE]
- US 2003234541 A1 20031225 - THOMPSON JEFFREY LEE [US]

Cited by

EP2952699A1; EP2733314A1; EP3208431A1; US10100674B2; US10494954B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1939459 A1 20080702**; **EP 1939459 B1 20180425**; US 2008159859 A1 20080703; US 8182216 B2 20120522

DOCDB simple family (application)

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