

Title (en)

Burst protection device for radial compressors

Title (de)

Berstschutzvorrichtung für Radialverdichter

Title (fr)

Dispositif de protection en cas d'éclatement pour compresseur radial

Publication

EP 1719879 A1 20061108 (DE)

Application

EP 05405332 A 20050503

Priority

EP 05405332 A 20050503

Abstract (en)

The burst protection device has two support elements (21,31), which are arranged separately from each other in such a manner that they cooperate successively with the support projection (11) of the inner wall (10) for axial displacement of the inner wall. Independent claims are also included for the following: (A) Radial compressor; and (B) Exhaust-gas turbocharger.

IPC 8 full level

F01D 21/04 (2006.01)

CPC (source: EP KR)

F01D 21/045 (2013.01 - EP); **F01D 25/24** (2013.01 - KR); **F02B 39/00** (2013.01 - KR); **F02B 39/16** (2013.01 - KR); **F04D 27/0292** (2013.01 - EP); **F05D 2220/40** (2013.01 - EP)

Citation (search report)

- [XD] WO 02090722 A1 20021114 - ABB TURBO SYSTEMS AG [CH], et al
- [E] EP 1586745 A1 20051019 - ABB TURBO SYSTEMS AG [CH]
- [A] DE 19640654 A1 19980409 - ASEA BROWN BOVERI [CH]
- [A] DE 10050931 C1 20020814 - MAN B & W DIESEL AG [DE]

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EP2216516A1; EP2216517A1; US2010192570A1; US8393851B2; US9546563B2; WO2015169509A1

Designated contracting state (EPC)

CZ DE GB

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1719879 A1 20061108; **EP 1719879 B1 20080130**; CN 1858408 A 20061108; CN 1858408 B 20101208; DE 502005002724 D1 20080320; JP 2006312934 A 20061116; KR 20060115338 A 20061108

DOCDB simple family (application)

EP 05405332 A 20050503; CN 200610077847 A 20060508; DE 502005002724 T 20050503; JP 2006120710 A 20060425; KR 20060039078 A 20060429