

Title (en)

BURST PROTECTION DEVICE FOR RADIAL COMPRESSORS PERTAINING TO TURBOCHARGERS

Title (de)

BERSTSCHUTZVORRICHTUNG FÜR RADIALVERDICHTER VON TURBOLADERN

Title (fr)

DISPOSITIF DE PROTECTION EN CAS D'ECLATEMENT POUR COMPRESSEUR RADIAL DE TURBOCOMPRESSEURS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02090722A1] The invention relates to a turbocharger (12) comprising a radial compressor, in which, in the event of a compressor wheel bursting, housing parts (28, 20) or components (32) fixed to the compressor housing (24, 26, 28) are prevented from axially spinning away. Said turbocharger comprises a burst protection device (34) having an inner wall (20) which radially and externally defines a flow channel (18) above the rotor blades (16) of the compressor wheel (14), said inner wall being provided with a breaking point (36).

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F01D 21/04

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 02090722A1

Cited by

EP3073091A4; WO2012085065A1; US10844726B2; US11719129B2; WO2023086776A1

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DOCDB simple family (publication)

WO 02090722 A1 20021114; CN 1328482 C 20070725; CN 1537193 A 20041013; DE 50205516 D1 20060330; EP 1383987 A1 20040128; EP 1383987 B1 20060104; JP 2004525297 A 20040819; JP 4088161 B2 20080521; KR 100865650 B1 20081029; KR 20030092128 A 20031203; TW 576886 B 20040221

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