

Title (en)
TURBO COMPRESSOR IN AN AXIAL TYPE OF CONSTRUCTION

Title (de)
TURBOVERDICHTER IN AXIALBAUWEISE

Title (fr)
TURBOCOMPRESSEUR EN MONTAGE AXIAL

Publication
EP 2024608 A1 20090218 (DE)

Application
EP 07785513 A 20070518

Priority
• DE 2007000916 W 20070518
• DE 102006024085 A 20060523

Abstract (en)
[origin: CA2652272A1] Turbo compressor in an axial type of construction, having a bladed stator and a bladed rotor, and having a longitudinally split compressor casing and a guide blade ring with adjustable guide blades, wherein the guide blades are pivotably mounted about radial axes radially within their aerofoil on an inner ring belonging to the stator. The inner ring is split, i.e. segmented, at at least two points of its circumference; furthermore, the inner ring has for each guide blade at least one bearing bush which can be inserted radially into an opening from inside.

IPC 8 full level
F01D 17/16 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP US)
F01D 9/042 (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 17/12** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US);
F05D 2240/50 (2013.01 - EP US)

Citation (search report)
See references of WO 2007134585A1

Designated contracting state (EPC)
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AL BA HR MK RS

DOCDB simple family (publication)
DE 102006024085 A1 20071129; **DE 102006024085 B4 20200416**; CA 2652272 A1 20071129; CA 2652272 C 20141125;
EP 2024608 A1 20090218; EP 2024608 B1 20170329; US 2010232952 A1 20100916; US 8376692 B2 20130219; WO 2007134585 A1 20071129

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