

Title (en)

Shroude for retaining blade shafts of adjustable stator vanes in a high pressure compressor of a gas turbine

Title (de)

Lagerring zur Lagerung von Schaufelfüssen von verstellbaren Statorschaufeln im Hochdruckverdichter einer Gasturbine

Title (fr)

Bague extérieure pour recevoir des pieds d'aubes de volets redresseurs dans un compresseur haute pression d'une turbine à gaz

Publication

EP 1319844 B1 20091202 (DE)

Application

EP 02023209 A 20021016

Priority

DE 10161292 A 20011213

Abstract (en)

[origin: EP1319844A1] The device has forward and rear annular bases (3,4) with axially open annular spaces (5) to form a U-shaped cross-section and a number of axial mounting bores (6). An annular cover body (7) arranged in the opening region of the annular space (5) has mounting openings (8) and a tubular supporting element (9) is arranged between the mounting openings and the associated mounting bores in the bases.

IPC 8 full level

F04D 29/54 (2006.01); **F01D 9/04** (2006.01); **F01D 17/16** (2006.01); **F01D 25/16** (2006.01); **F04D 29/46** (2006.01)

CPC (source: EP US)

F01D 17/162 (2013.01 - EP US); **F01D 25/16** (2013.01 - EP US); **F01D 25/243** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US)

Cited by

DE102014205986A1; EP1705341A3; EP2261467A3; DE102014205986B4; FR3009335A1; GB2518945A; GB2518945B; US8376692B2; US7802963B2; US8951010B2; US9926944B2; WO2007134585A1; EP3176386A1; US10494942B2; WO2015149732A2; EP2955335A1; US10364827B2; US10578127B2

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