

Title (en)

Zusammenbau von Leitsegmente in einem axialen Kompressor

Title (de)

Mounting of guiding segments in an axial compressor

Title (fr)

Montage de secteurs de distributeur dans un compresseur axial

Publication

**EP 1662093 A1 20060531 (FR)**

Application

**EP 05111187 A 20051123**

Priority

FR 0452746 A 20041124

Abstract (en)

The compressor has wheels constituted of sectors with stator vanes (151) integrated to inner and outer platforms (150, 152). The platform (152) is retained in a casing (13) by a tongue and groove type connection, and locked in position by bolts (20). The connection is formed between a clamping plate (154) arranged on the platform (152) and a clamping plate (133) arranged on the casing. The bolts ensure tightening between the two plates.

IPC 8 full level

**F01D 25/24** (2006.01); **F01D 25/26** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP US)

**F01D 25/246** (2013.01 - EP US); **F01D 25/26** (2013.01 - EP US); **F04D 29/644** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2831615 A1 20030502 - SNECMA MOTEURS [FR]
- [Y] US 5118253 A 19920602 - BALKCUM III JAMES T [US]
- [A] US 2004062652 A1 20040401 - GRANT CARL [US], et al
- [A] US 2004033133 A1 20040219 - MUNY RICHARD MARTIN [US]
- [A] US 5655876 A 19970812 - ROCK PETER J [US], et al
- [A] US 4101242 A 19780718 - COPLIN JOHN FREDERICK, et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1662093 A1 20060531**; **EP 1662093 B1 20170104**; FR 2878293 A1 20060526; FR 2878293 B1 20090821; US 2006133939 A1 20060622; US 7284955 B2 20071023

DOCDB simple family (application)

**EP 05111187 A 20051123**; FR 0452746 A 20041124; US 28378705 A 20051122