

Title (en)

Device for the support of rotary machines of a stationary turboset

Title (de)

Vorrichtung zur Lagerung der Rotationsmaschinen einer stationären Turbogruppe

Title (fr)

Dispositif pour le support de machines tournantes dans un groupe turbo stationnaire

Publication

EP 1764485 A1 20070321 (DE)

Application

EP 05020131 A 20050915

Priority

EP 05020131 A 20050915

Abstract (en)

The device has rotary machines (10, 27, 41), whose rotors (18,28) are coupled with one another in an axially aligned manner. One of the machines is positioned by a thrust bearing on a base (24). The machines (27, 41) are attached to respective carriages (36, 48), which are movable along the rotary axis (21) opposite to the stationary rotary machine (10). The rotors of the rotary machine are coupled with one another by a flange connection.

IPC 8 full level

F01D 25/28 (2006.01); **F01D 15/10** (2006.01)

CPC (source: EP)

F01D 15/10 (2013.01); **F01D 25/28** (2013.01); **F05B 2240/94** (2013.01); **F05D 2240/90** (2013.01); **F05D 2240/91** (2013.01)

Citation (applicant)

- US 5447025 A 19950905 - ROUSSELLE JEAN-CLAUDE [FR]
- DE 19606254 A1 19960905 - DRESSER RAND CO [US]
- DE 2532456 A1 19770127 - BBC BROWN BOVERI & CIE
- EP 0374645 A1 19900627 - ASEA BROWN BOVERI [CH]

Citation (search report)

- [XY] EP 0407132 A1 19910109 - GEN ELECTRIC [US]
- [Y] GB 1576262 A 19801008 - CREUSOT LOIRE
- [A] GB 719316 A 19541201 - GEOFFREY BERTRAM ROBERT FEILDE, et al
- [A] WO 0017942 A1 20000330 - SIEMENS SOLAR GMBH [DE], et al
- [A] US 5780932 A 19980714 - LAFFONT PATRICK [FR]

Cited by

EP2921660A4; CN105518259A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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