

Title (en)

ROTATING OR PIVOTING DEVICE AND CONNECTION MODULE FOR A ROTATING OR PIVOTING DEVICE

Title (de)

DREH- ODER SCHWENKVORRICHTUNG UND ANSCHLUSSMODUL FÜR EINE DREH- ODER SCHWENKVORRICHTUNG

Title (fr)

DISPOSITIF DE ROTATION OU DE PIVOTEMENT ET MODULE DE RACCORDEMENT POUR DISPOSITIF DE ROTATION OU DE PIVOTEMENT

Publication

EP 1613865 A1 20060111 (DE)

Application

EP 04726998 A 20040413

Priority

- EP 2004003896 W 20040413
- DE 10317281 A 20030411

Abstract (en)

[origin: WO2004090341A1] The invention relates to a rotating or pivoting device (110) comprising a housing (12), at least one working piston (14) which is mounted in the housing and subjected to a pressure medium, and a pivoting part (20) which is rotatably mounted in the housing and is rotatably driven by the working piston by means of a rotating coupling mechanism, said working piston being mounted in the housing in such a way that it can be displaced in a housing-side cylinder. The inventive rotating or pivoting device also comprises an abutment part (114) that limits the stroke of the working cylinder in at least two positions and can be locked at least in its axially inner intermediate position. Said abutment part is provided with a locking piston (120) that is mounted in such a way that it can be axially displaced, and, when the abutment part is in its intermediate position, can be displaced against a spring element (122) in a pressurised manner into a locking position, and, in the locking position, activates locking means (128) for locking the abutment part (114).

IPC 1-7

F15B 15/08; **F15B 15/26**

IPC 8 full level

F15B 15/08 (2006.01); **F15B 15/26** (2006.01)

CPC (source: EP KR US)

F15B 15/065 (2013.01 - EP US); **F15B 15/08** (2013.01 - KR); **F15B 15/227** (2013.01 - EP US); **F15B 15/26** (2013.01 - KR); **F15B 15/261** (2013.01 - EP US); **Y10T 403/32606** (2015.01 - EP US)

Citation (search report)

See references of WO 2004090341A1

Cited by

DE102014101739A1; CN101837508A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004090341 A1 20041021; AT E349623 T1 20070115; CA 2517332 A1 20041021; DE 10317281 A1 20041104; DE 10317281 B4 20050428; DE 502004002458 D1 20070208; DK 1613865 T3 20070430; EP 1613865 A1 20060111; EP 1613865 B1 20061227; ES 2279362 T3 20070816; KR 100846999 B1 20080717; KR 20050110710 A 20051123; PL 1613865 T3 20070228; PT 1613865 E 20070131; SI 1613865 T1 20070630; US 2006165478 A1 20060727; US 7363848 B2 20080429

DOCDB simple family (application)

EP 2004003896 W 20040413; AT 04726998 T 20040413; CA 2517332 A 20040413; DE 10317281 A 20030411; DE 502004002458 T 20040413; DK 04726998 T 20040413; EP 04726998 A 20040413; ES 04726998 T 20040413; KR 20057019114 A 20051007; PL 04726998 T 20040413; PT 04726998 T 20040413; SI 200430222 T 20040413; US 54838805 A 20050908