

Title (en)

Device for coupling of fluid lines allocated to a carrier device and a tool

Title (de)

Vorrichtung zum Kuppeln von einem Trägergerät und einem Werkzeug zugeordneten Medienleitungen

Title (fr)

Dispositif de couplage de conduites de fluide attribuées à un appareil de support et à un outil

Publication

EP 2703566 A3 20171122 (DE)

Application

EP 13182337 A 20130830

Priority

AT 503512012 A 20120831

Abstract (en)

[origin: EP2703566A2] The device has medium clutches (4,5) that are mutually coupled or released with a drive unit (A). The drive unit is provided with a fuse element and a bolt (B). A tool (2) is set on load-bearing device (1) and is changed from intermediate position to fluid lines coupling clutch position, such that tool is locked on tool holder (6). The movable bolts are provided to move tool-side medium clutch transverse to tool setting direction (R) for coupling with inertial-side medium clutch against the bolt operating direction.

IPC 8 full level

E02F 3/36 (2006.01)

CPC (source: AT EP)

E02F 3/3604 (2013.01 - AT); **E02F 3/3609** (2013.01 - EP); **E02F 3/3631** (2013.01 - AT EP); **E02F 3/3654** (2013.01 - AT EP);
E02F 3/96 (2013.01 - AT EP); **E02F 9/2264** (2013.01 - AT); **E02F 9/265** (2013.01 - EP)

Citation (search report)

- [XAYI] DE 20110480 U1 20020117 - WEIDEMANN OSWALD [DE]
- [Y] DE 102005049550 A1 20060601 - CATERPILLAR INC [US], et al
- [Y] AT 9279 U1 20070715 - WIMMER ALOIS ING [AT]
- [A] EP 1895058 A2 20080305 - FASTER SPA [IT]

Cited by

CN109235518A; EP3184699A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2703566 A2 20140305; EP 2703566 A3 20171122; AT 513332 A1 20140315

DOCDB simple family (application)

EP 13182337 A 20130830; AT 503512012 A 20120831