

Title (en)

Tool quick coupler

Title (de)

Werkzeugschnellwechsellvorrichtung

Title (fr)

Attache rapide pour outil

Publication

**EP 1445385 B1 20061122 (EN)**

Application

**EP 04002724 A 20040206**

Priority

IT BO20030056 A 20030207

Abstract (en)

[origin: EP1445385A1] A connecting device for tools is provided with a first member (2) and a second member (3) fit to be fixed to a tool (100) and to a support (101) that, in an operational condition, they transmit to each other strength mainly oriented in a strength direction (S). <??>The device (1) includes at least a arrest mean (7) associated to one of the members (2, 3) and sliding in comparison to this latter in a sliding direction (D) tilted in comparison to the average strength direction (S), to detachably engage, in a linking condition (C), at least a respective housing mean (9) of the remaining member (3, 2). Said arrest mean (7) being provided with at least a wedge surface (10) tilted in comparison with its sliding direction (D) and fit, in the linking condition (C), to match at least a corresponding second flat surface (11) of the housing mean (9). <IMAGE>

IPC 8 full level

**E02F 3/36** (2006.01)

CPC (source: EP)

**E02F 3/3627** (2013.01); **E02F 3/364** (2013.01)

Cited by

EP1627959A3; US11702816B2; EP2096212A3; CN108431334A; GB2560847A; JP2019501314A; GB2560847B; WO2017099610A1; US11643787B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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