

Title (en)

Quick coupler with a device for automatically connecting energy lines

Title (de)

Kupplungsvorrichtung mit einer Einrichtung zum automatischen Verbinden von Energieleitungen

Title (fr)

Attache-rapide dotée d'un dispositif destiné à la liaison automatique de conduites énergétiques

Publication

EP 2103744 B1 20121003 (DE)

Application

EP 09003530 A 20090311

Priority

AT 4432008 A 20080320

Abstract (en)

[origin: EP2103744A1] The device has an outlet connecting part (9) connected with a supply connecting part (6) when a locking unit (4) is closed and detached from the supply connecting part when the locking unit is opened. A carrier (11) is supportably movable between an advanced and retracted position on a working tool (2). The carrier comprises a driver part (12) for engagement with an operating element (13) that is coupled with a movable bolt element (5), where direction of motion of the carrier corresponds to the bolt element. The carrier is supported on the working tool.

IPC 8 full level

E02F 3/36 (2006.01)

CPC (source: EP US)

E02F 3/3627 (2013.01 - EP US); **E02F 3/364** (2013.01 - EP US); **E02F 3/3654** (2013.01 - EP US); **E02F 3/3663** (2013.01 - EP US)

Cited by

DE102014002376B3

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2103744 A1 20090923; **EP 2103744 B1 20121003**; AT 506554 A1 20091015; AT 506554 B1 20111115; US 2009255151 A1 20091015; US 7963054 B2 20110621

DOCDB simple family (application)

EP 09003530 A 20090311; AT 4432008 A 20080320; US 40781109 A 20090320