

Title (en)  
Quick coupler for construction machine

Title (de)  
Schnellkupplung für Baumaschine

Title (fr)  
Attache rapide pour engins de travaux publics

Publication  
**EP 1840276 B1 20110406 (DE)**

Application  
**EP 07450014 A 20070201**

Priority  
AT 2332006 U 20060327

Abstract (en)  
[origin: EP1840276A2] The connecting device has a quick change device (3) fastened to an excavator boom, and an extension plate (5) fastened to an extension device. Hydraulic couplings (20, 40) are provided to connect hydraulic lines (15), coming from an excavator, with hydraulic lines (16) guided to a hydraulic motor in the extension device. The hydraulic couplings are coupled with bars (7), which are moved in the connecting device. The hydraulic couplings are activated when the extension plate is fixed to the quick change device connected with the excavator boom.

IPC 8 full level  
**E02F 3/36** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)  
**E02F 3/3627** (2013.01); **E02F 3/3654** (2013.01); **E02F 3/3663** (2013.01); **E02F 9/226** (2013.01); **E02F 9/2275** (2013.01)

Cited by  
EP2233642A1; US7963054B2; DE202016104780U1; EP3023549A1

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

DOCDB simple family (publication)  
**AT 8623 U2 20061015; AT 8623 U3 20070415**; AT 11151 U1 20100515; DE 502007006866 D1 20110519; EP 1840276 A2 20071003; EP 1840276 A3 20080611; EP 1840276 B1 20110406; EP 2096212 A2 20090902; EP 2096212 A3 20131204; SI 1840276 T1 20110831

DOCDB simple family (application)  
**AT 2332006 U 20060327**; AT 8332009 U 20091229; DE 502007006866 T 20070201; EP 07450014 A 20070201; EP 09007749 A 20070201; SI 200730649 T 20070201