

Title (en)
Quick coupler for construction machines

Title (de)
Schnellkupplung für Baumaschinen

Title (fr)
Attache rapide pour engins de travaux publics

Publication
EP 2233642 B1 20110907 (DE)

Application
EP 10450017 A 20100212

Priority
AT 1672009 U 20090323

Abstract (en)
[origin: EP2233642A1] The device (1) has a fast changing device (3) fastened at an extension arm of an excavator, and a mounting plate (5) fastened at an accessory device. Hydraulic clutches (20) provided at longitudinal sides connect hydraulic lines of the excavator with hydraulic lines that lead to a hydraulic motor in the accessory device. One of the clutches has a block (21) movable in the fast changing device and another block (27) fastened at the mounting plate, where the former block has a coupling plug, and the latter block has a coupling bush.

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)

Cited by
CN109555177A; CN115369938A; CN110644550A

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 SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2233642 A1 20100929; EP 2233642 B1 20110907; AT 11312 U1 20100815; AT E523637 T1 20110915

DOCDB simple family (application)
EP 10450017 A 20100212; AT 10450017 T 20100212; AT 1672009 U 20090323