

Title (en)

Quick coupler for attaching tools to an excavator arm

Title (de)

Schnellwechsellkupplung zur Befestigung der Arbeitswerkzeuge an einem Baggerausleger

Title (fr)

Attache rapide pour fixer des outils sur un bras d'excavatrices

Publication

EP 1522635 A3 20070926 (DE)

Application

EP 04450185 A 20041005

Priority

AT 15952003 A 20031009

Abstract (en)

[origin: EP1522635A2] Quick exchange coupling comprises coupling body parts joined together by a hook connection (3) and a wedge lock (4) acting as a counter holder with opposing pressing surfaces. Coupling plates are provided on the working tools and have recesses in one surface. Preferred Features: A counter piece for the wedge lock is formed by a wedge rod (10) which runs across the surfaces of support plates (16). The wedge rod penetrates the support plates and protrudes on the outer sides of the support plates.

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 3/3663** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1522635 A2 20050413; **EP 1522635 A3 20070926**; **EP 1522635 B1 20120613**; AT 500900 A1 20060415; AT 500900 B1 20070615; US 2005232742 A1 20051020; US 7198451 B2 20070403

DOCDB simple family (application)

EP 04450185 A 20041005; AT 15952003 A 20031009; US 9586305 A 20050331