

Title (en)

Quick-change device for connecting implements to a work machine

Title (de)

Schnellwechsel-Vorrichtung zum Verbinden von Arbeitsgeräten an einer Arbeitsmaschine

Title (fr)

Dispositif de changement rapide pour le raccordement à une machine outils de travail

Publication

**EP 1580330 A2 20050928 (EN)**

Application

**EP 05006635 A 20050324**

Priority

DE 102004015471 A 20040326

Abstract (en)

A quick-change device (1) is disclosed for connecting implements to an excavator while simultaneously connecting hydraulic conduits, wherein the quick-change device has a main body (2) in which at least one locking component (9,10,11) is accommodated, wherein the main body (2) is confined or terminated at the sides by one-piece side plates (3,4), wherein the at least one locking component (9,10,11) extends and moves essentially parallel to the side plates. Furthermore, a quick-change device is disclosed for connecting implements to an excavator while simultaneously connecting hydraulic conduits, wherein the quick-change device has a main body in which at least one locking component is accommodated, wherein the main body is confined or terminated at the sides by one-piece side plates, wherein the at least one locking component extends and moves essentially parallel to the side plates, wherein the side portions, in an area near to the position where the at least one locking component exits or extends from the main body, respectively have a recess (15) for engagement with a corresponding bolt or projection on the implement.

IPC 1-7

**E02F 3/36**

IPC 8 full level

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CPC (source: EP)

**E02F 3/3627** (2013.01); **E02F 3/3654** (2013.01); **E02F 3/3663** (2013.01); **E02F 9/2275** (2013.01)

Citation (applicant)

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- DE 102008000036 A1 20090723 - LEICA BIOSYSTEMS NUSSLOCH GMBH [DE]
- WO 9730231 A1 19970821 - SONERUDS MASKIN AB [SE], et al
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CN111270717A; CN110453742A; CN113294413A; US7735249B2; WO2007131800A1

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