

Title (en)

FAST COUPLING ELEMENT FOR FIXING A TOOL TO THE END OF A LOADING ARM OR THE LIKE

Title (de)

SCHNELLKUPPLUNGSVORRICHTUNG ZUR BEFESTIGUNG EINES WERKZEUGS AM ENDE EINES LADERAUSLEGERS ODER DGL

Title (fr)

ATTACHE RAPIDE POUR FIXER UN OUTIL A L'EXTREMITE DU BRAS D'UN CHARGEUR OU ANALOGUE

Publication

**EP 1278915 B1 20050302 (FR)**

Application

**EP 01928032 A 20010423**

Priority

- FR 0101235 W 20010423
- FR 0005606 A 20000503

Abstract (en)

[origin: WO0183893A1] The invention concerns a fast coupling element comprising two parts, one of which is borne by the arm of the device and the other borne by the tool, one of the parts comprising a spindle (11) capable by a movement of said arm to penetrate into hooks, forming open blocks, of the other part and comprising means for maintaining said parts interlocked along contact surfaces arranged in a V-shape. The invention is characterised in that the contact between the two parts occurs in points (13) away from said spindle (11).

IPC 1-7

**E02F 3/36**

IPC 8 full level

**E02F 3/36** (2006.01)

CPC (source: EP)

**E02F 3/3613** (2013.01); **E02F 3/3627** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0183893 A1 20011108**; AT E290134 T1 20050315; AU 5490201 A 20011112; DE 60109149 D1 20050407; EP 1278915 A1 20030129; EP 1278915 B1 20050302; FR 2808542 A1 20011109; FR 2808542 B1 20030307

DOCDB simple family (application)

**FR 0101235 W 20010423**; AT 01928032 T 20010423; AU 5490201 A 20010423; DE 60109149 T 20010423; EP 01928032 A 20010423; FR 0005606 A 20000503