

Title (en)

Adapter for work tool as part of quick change coupling and quick change coupling

Title (de)

Adapter für ein Arbeitsgerät als Teil einer Schnellwechselvorrichtung und Schnellwechselvorrichtung

Title (fr)

Adaptateur pour outil de travail faisant partie d'un dispositif changeur rapide et dispositif changeur rapide

Publication

EP 1749939 A1 20070207 (DE)

Application

EP 06016211 A 20060803

Priority

DE 102005037105 A 20050803

Abstract (en)

The adaptor (18) for a tool head to an earth working vehicle boom has a quick change attachment (16) having claws (20) which selectively engage the flats of a locking pin of one end of the adaptor. The opposite end of the quick change attachment from the claws has a lug (30) to engage flats on the opposite adaptor locking pin. The quick change attachment can be mounted on either side of the adaptor using the respective flats. There can be locking pins (38,40) on either side of the adaptor, with respective flats.

IPC 8 full level

E02F 3/36 (2006.01)

CPC (source: EP)

E02F 3/3622 (2013.01); **E02F 3/3627** (2013.01); **E02F 3/3663** (2013.01)

Citation (applicant)

- EP 0569026 B1 19970312 - LEHNHOFF HARTSTAHL GMBH & CO [DE]
- GB 2267887 A 19931222 - SACMI SAVOYARDE [FR]
- IT 1328845 B1

Citation (search report)

- [XA] GB 2267887 A 19931222 - SACMI SAVOYARDE [FR]
- [A] DE 20006408 U1 20000629 - LEH KARL HEINZ JOSEF [DE]
- [DA] EP 0569026 B1 19970312 - LEHNHOFF HARTSTAHL GMBH & CO [DE]

Citation (third parties)

Third party :

IT BO20010183 A1 20020928 - C M S N C DI CANGINI GIORGIO & [IT]

Cited by

WO2018104614A1; FR3059685A1; ES2304330A1; EP1900880A3; US2019368157A1; US10767339B2; DE202014102547U1

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1749939 A1 20070207; **EP 1749939 B1 20101117**; AT E488647 T1 20101215; DE 102005037105 B3 20061130; DE 102005037105 C5 20110622; DE 502006008314 D1 20101230; ES 2354947 T3 20110321; PL 1749939 T3 20110429

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