

Title (en)

Support device for an apparatus for lifting and handling plates or panels

Title (de)

Stützvorrichtung für ein Gerät zum Heben und Manipulieren von Platten oder Paneelen

Title (fr)

Dispositif support pour appareil de levage et de manutention de plaques ou panneaux

Publication

EP 1783301 A1 20070509 (FR)

Application

EP 06301056 A 20061017

Priority

FR 0553341 A 20051104

Abstract (en)

The device has a U shaped support pedestal (10) accommodating two clevis pins (11, 12) between lateral flanges (10b, 10c). A locking ratchet tilting into locking position by distribution of its mass is disposed, free in pivoting, on the pin (12). The ratchet has a head forming a hook that cooperates and fits around another clevis pin forming a finger that protrudes from a support base (13). The head has a straight rear side forming a stop for the finger when the ratchet is unlocked. The ratchet presents an operating lever with an unbalance or ballast profile driving the tilting of the ratchet.

IPC 8 full level

E04F 21/18 (2006.01)

CPC (source: EP US)

E04F 21/1822 (2013.01 - EP US)

Citation (search report)

- [DA] FR 2862682 A1 20050527 - ROGER MONDELIN SA [FR]
- [A] EP 0777021 A1 19970604 - TRADITION DE L OUTIL A MAIN T [FR]
- [A] FR 2552478 A2 19850329 - CHATELLERAULT ARMES CYCLES [FR]
- [DA] FR 2780428 A1 19991231 - ROGER MONDELIN SA [FR]
- [DA] FR 2758150 A1 19980710 - ROGER MONDELIN SA [FR]

Cited by

FR2967180A1; RU2692338C2; EP3351704A1; FR3061919A1; WO2016071590A1; US9909325B2

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)

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DOCDB simple family (application)

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