

Title (en)

Remote-controlled motorized load engaging device.

Title (de)

Fernbetätigte, motorgetriebene Lastgreifeinrichtung.

Title (fr)

Dispositif motorisé de préhension de charge à commande à distance.

Publication

EP 0451061 B1 19940921 (FR)

Application

EP 91420063 A 19910225

Priority

FR 9003841 A 19900312

Abstract (en)

[origin: US5184860A] The device comprises a gripper (15) whose arms (16, 17) hold at their free end an on-loading mechanism (18, 19) designed to engage a load (13) by gripping accessories (14). Two connecting rods (21, 22) constitute a deformable diamond with the upper part of the gripper (15). The lower ends of connecting rods (21, 22) are hinged to a shoulder (27) of a guide column (28) on which moves a slide (29) forming the head of the gripper (15). Two jacks (45, 46) control the opening and closing of the gripper (15). A connector arm (30) links the shoulder of column (28) to a turning grapppling rope (10) and allows the center of gravity to be corrected by a jack (52). This gripping device is intended for use with raising devices such as turret slewing cranes.

IPC 1-7

B66C 1/66; **B66C 3/14**

IPC 8 full level

B66C 1/28 (2006.01); **B66C 1/10** (2006.01); **B66C 1/66** (2006.01)

CPC (source: EP US)

B66C 1/10 (2013.01 - EP US); **B66C 1/66** (2013.01 - EP US); **Y10S 294/907** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

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EP 0451061 A1 19911009; **EP 0451061 B1 19940921**; AT E111868 T1 19941015; CN 1027688 C 19950222; CN 1056291 A 19911120; CS 61791 A2 19911015; DE 69104101 D1 19941027; DE 69104101 T2 19950126; ES 2061212 T3 19941201; FR 2659311 A1 19910913; FR 2659311 B1 19920522; JP H05229779 A 19930907; RU 2067965 C1 19961020; US 5184860 A 19930209

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