

Title (en)

DEVICE HAVING A SUSPENSION BODY FOR SUSPENDING AN OBJECT

Title (de)

VORRICHTUNG MIT EINEM EINHÄNGEKÖRPER ZUM ANHÄNGEN EINES GEGENSTANDES

Title (fr)

DISPOSITIF COMPRENANT UN CORPS D'ACCROCHAGE POUR ACCROCHER UN OBJET

Publication

EP 2215000 B1 20110518 (DE)

Application

EP 08851925 A 20081030

Priority

- EP 2008009150 W 20081030
- DE 102007055663 A 20071121
- DE 102007059586 A 20071211

Abstract (en)

[origin: WO2009065484A1] The invention relates to a device having a hook (5) for suspending an object (7), comprising a joint head (1) having two flanks (2, 3) between which a swivel pin (4) runs, about which the hook (5) is pivotally mounted by a hub section (6) between a closed position pivoted to the joint head (1) for suspending the object (7) and a release position pivoted away from the joint head (1). A locking unit having a locking pin (8) that engages in a locking recess (9) on the hook (5) in the closed position, and an actuator (11) for unlocking the locking pin (8), a receiver (13) for a remote control for activating the actuator (11), and a power source (14) for supplying power to the receiver (13) and the actuator (11) are also provided. In the closed position, a spring force is active between the hub section (6) of the hook (5) and the pivot axis (4) in the radial direction. If a predetermined load (Lo) engaging on the closed hook (5) is exceeded, the receiver (13) and/or the actuator (11) is deactivated.

IPC 8 full level

B66C 1/36 (2006.01); **B66C 1/38** (2006.01)

CPC (source: EP)

B66C 1/36 (2013.01); **B66C 1/38** (2013.01)

Cited by

DE202018003392U1; DE202023002839U1; DE102023001069A1; WO2024189134A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007059586 A1 20090528; AT E509879 T1 20110615; EP 2215000 A1 20100811; EP 2215000 B1 20110518; WO 2009065484 A1 20090528

DOCDB simple family (application)

DE 102007059586 A 20071211; AT 08851925 T 20081030; EP 08851925 A 20081030; EP 2008009150 W 20081030