

Title (en)
C hook with automatic weight compensation

Title (de)
C-Haken mit automatischem Gewichtsausgleich

Title (fr)
Crochet en C à équilibrage de poids automatique

Publication
EP 1832544 A3 20091104 (DE)

Application
EP 07004720 A 20070307

Priority
DE 102006010848 A 20060309

Abstract (en)
[origin: EP1832544A2] The C-hook has a side piece (2), at which a hanging device (3) is provided with counter weights (8) and an axially displaceable adjustment drive (9). The adjustment drive (9) has a side piece (6) for accommodating circular loads. A safety tappet (16) is provided at the side piece (6). An adjustment drive (17) is connected with the adjustment drive (9) by using an intermediate transmission, such that a movement of the safety tappet for securing the load causes an aligned movement of the hanging device with the counter weights.

IPC 8 full level
B66C 1/24 (2006.01)

CPC (source: EP)
B66C 1/24 (2013.01)

Citation (search report)

- [A] JP H1087263 A 19980407 - KAWAMURA KOGYO KK
- [A] JP H06219679 A 19940809 - NAKAYAMA STEEL WORKS LTD
- [PA] DE 102005024671 A1 20061207 - WIMO HEBETECHNIK GMBH [DE]

Cited by
CN104340858A; CN105836593A; CN111115437A; JP2020111437A; WO2017000023A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1832544 A2 20070912; EP 1832544 A3 20091104; DE 102006010848 A1 20070913

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