

Title (en)

Limit stop device for lifting cranes, particularly cranes with telescopic arms

Title (de)

Endlagestoppvorrichtung für Hebekräne, insbesondere Kräne mit teleskopischen Auslegern

Title (fr)

Dispositif de fin de course pour grues de levage, en particulier grues avec flèches télescopiques

Publication

EP 1134178 A3 20021106 (EN)

Application

EP 01105315 A 20010307

Priority

IT TO20000220 A 20000310

Abstract (en)

[origin: EP1134178A2] A limit stop (10) for lifting cranes (1), particularly cranes with telescopic arms (4), which is constituted by a rigid housing (11) made of metal plate which contains, so that it is freely rotatably pivoted, a pulley (8) for guiding a lifting cable (7) and has, at one end, a contact surface (12) for rigid coupling of the housing to an outer portion (4b) of a telescopic arm (4) which has an inlet (13) for the lifting cable (7) and, at the other end, an outlet (14) for the cable (7), surrounded by contact edges (15) for the abutment portion of the lifting hook (9). The profile of the contact edges (15) is shaped like an arc traced by the involute to a circle whose evolute is a circular contour which is concentric and internal or external or coincident with respect to a pitch circle of the guiding pulley (8). <IMAGE>

IPC 1-7

B66C 13/50; **B66C 23/66**; **B66C 13/06**

IPC 8 full level

B66C 13/06 (2006.01); **B66C 23/66** (2006.01)

CPC (source: EP)

B66C 13/06 (2013.01); **B66C 23/66** (2013.01)

Citation (search report)

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Cited by

EP1491485A1; EP3502036A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1134178 A2 20010919; **EP 1134178 A3 20021106**; IT 1319949 B1 20031112; IT TO20000220 A0 20000310; IT TO20000220 A1 20010910

DOCDB simple family (application)

EP 01105315 A 20010307; IT TO20000220 A 20000310