

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 A2 20010919 (EN)

Application

EP 01105315 A 20010307

Priority

IT TO20000220 A 20000310

Abstract (en)

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

IPC 8 full level

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CPC (source: EP)

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