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(54) **Limit stop device for lifting cranes, particularly cranes with telescopic arms**

(57) 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).

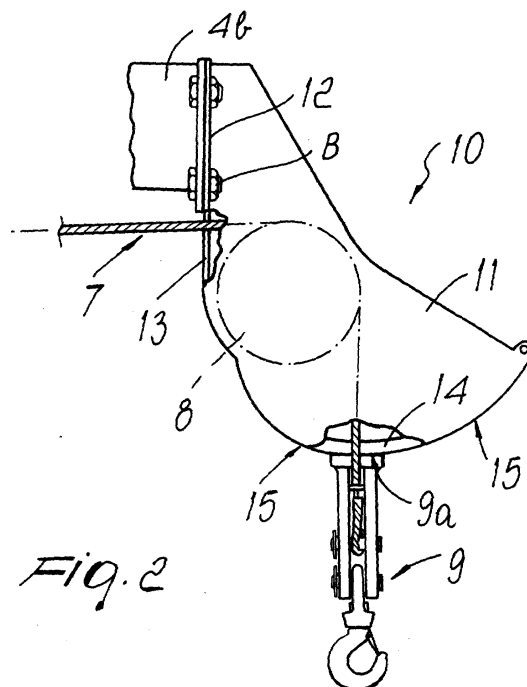


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 5315

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) B66C
Place of search THE HAGUE		Date of completion of the search 17 September 2002	Examiner Van den Berghe, E
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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