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(11) **EP 0 755 895 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.04.1999 Bulletin 1999/16

(51) Int Cl.⁶: **B66C 23/36, B66C 23/84**

(43) Date of publication A2:
29.01.1997 Bulletin 1997/05

(21) Application number: **96830298.4**

(22) Date of filing: **23.05.1996**

(84) Designated Contracting States:
AT CH DE DK ES FI FR GB LI NL SE

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(30) Priority: **26.07.1995 IT MO950112**

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(54) **A rotation device for lifting apparatus**

(57) The rotation device for lifting apparatus, especially for cranes mountable on vehicles, comprises a hydraulic cylinder (2) which exhibits a stem (3), solidly connected to a fixed base (4), on which a rotating column (1) of the lifting device is mounted. The body (5) of the

hydraulic cylinder (2) is constrained to translate with respect to the fixed base (4) and is externally provided with helical guides (6) in which organs (17) predisposed on a crown (7) engage. The crown (7) is coupled on the external surface of the body (5) and solidly constrained on the column (1).

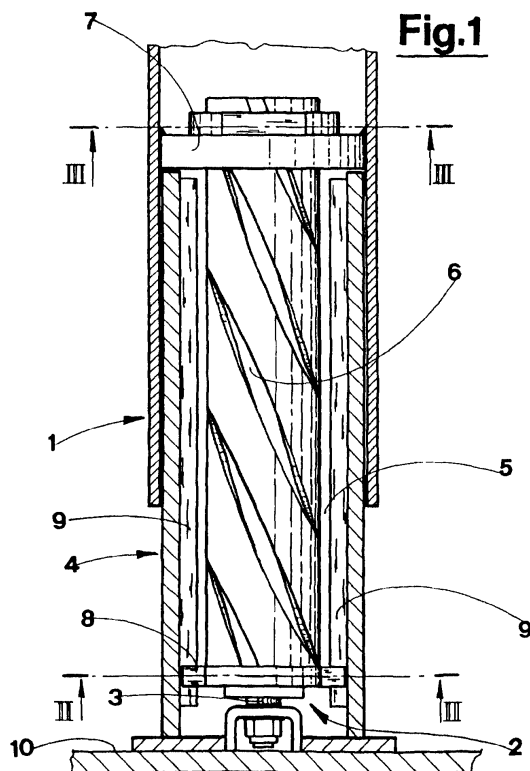


Fig.1

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EUROPEAN SEARCH REPORT

Application Number
EP 96 83 0298

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	SOVIET PATENTS ABSTRACTS Section PQ, Week 93411 December 1993 Derwent Publications Ltd., London, GB; Class Q38, AN 93-326599 XP002093970 & SU 1 765 564 A (GALS SPEC CONSTR TECHN BUR), 30 September 1992 * abstract *	1-3	B66C23/36 B66C23/84
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
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The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 22 February 1999	Examiner Thomas, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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22-02-1999

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