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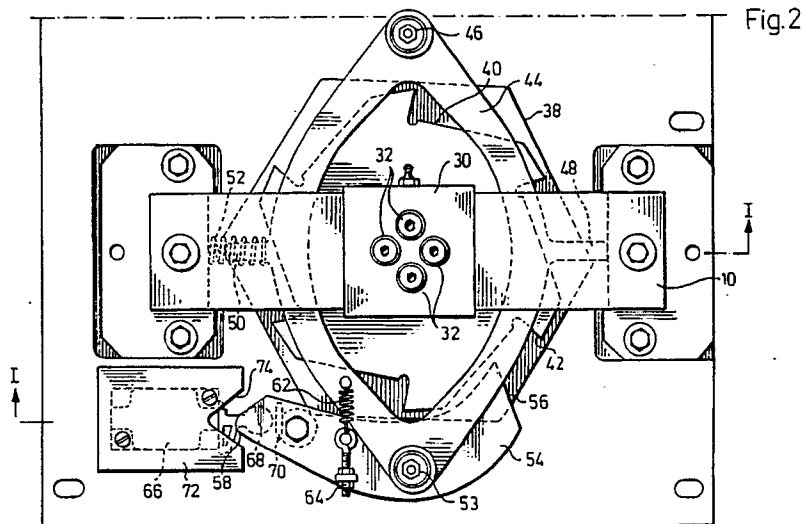
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A catch apparatus for a rack lift.

Catch apparatus for a rack lift, with a tooth wheel (2) engaging the rack and unrotatably mounted on the shaft (4), which also carries two friction members (16,18), which are spring tensioned (28) towards each other for mutual friction engagement, and of which one (16) is unrotatably carried by the shaft (4), and the other one (18) is glidingly supported (20) on the shaft but normally co-rotating through the frictional engagement, an inertia blocking mechanism (38,74) being arranged to stop the other friction

member (18) at exceeding of a limit velocity of the shaft (4), for braking the shaft through the frictional engagement. The blocking mechanism includes a blocking member (54) which is suspended (44,46) for pendulum movement in a plane extending transversely to the shaft (4) in order to be clamped, when the limit velocity is exceeded, between a fixed abutment (74) and an abutment (42) carried by the other friction member (18).



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	FR-A-2422586 (THYSSEN AUFZUGE) * the whole document * ---	1-5	B66B5/04
A	DE-B-1506473 (ALIMAK-VERKEN) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B66B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 MAY 1990	Examiner ZAEGEL B. C.
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 I : document cited for other reasons & : member of the same patent family, corresponding document			