

12 **EUROPEAN PATENT APPLICATION**

21 Application number: **81107354.3**

51 Int. Cl.³: **B 66 D 5/34**

22 Date of filing: **17.09.81**

30 Priority: **01.10.80 US 192796**

43 Date of publication of application:
07.04.82 Bulletin 82/14

88 Date of deferred publication of search report: **16.06.82**

84 Designated Contracting States:
DE FR GB SE

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54 **Ratchet pawl.**

57 A ratchet pawl (22) for a hoist (10) is self-camming into engagement with a ratchet wheel (20) of the hoist. The pawl includes a primary lobe (32) which engages the ratchet wheel teeth (24) and a secondary lobe (34) which rides on the ratchet wheel teeth to cam the primary lobe into position to engage the next ratchet wheel tooth. In a preferred embodiment, the primary lobe is also spring biased into position to engage the ratchet wheel teeth.

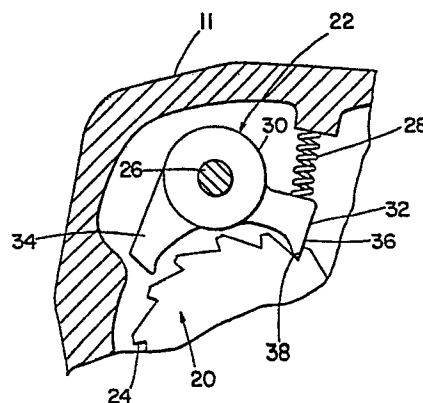


Fig. 2



European Patent
Office

EUROPEAN SEARCH REPORT

0048897

Application number

EP 81 10 7354.3

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US - A - 3 720 294 (PLAMPER) * claim 1; fig. 2, 3 *	1,2	B 66 D 5/34
X	AT - B - 64 407 (SÜDBAHN-GESELLSCHAFT) * claims 1, 3; fig. 4, 5 *	1,2	
X	DE - U - 7 424 538 (KAUFFMANN KG) * claims 1, 5; fig. 1 *	1	
A	CH - A5 - 593 432 (LGZ) * fig. *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	FR - A - 624 828 (LES FILS DE PROST) * fig. 1 to 3 *	1	B 66 D 5/00 F 16 D 41/00
A	FR - A - 780 705 (BASTIDE-PAUZE-POIRIER) * fig. 2 to 4 *	1	
D,A	US - A - 3 138 231 (LOCK)	1	
			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
X	The present search report has been drawn up for all claims		&: member of the same patent family, corresponding document
Place of search Berlin		Date of completion of the search 19-03-1982	Examiner KANAL