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(54) Locking mechanism especially for parcel containers

(57) By a locking mechanism especially for parcel containers and of the kind that comprises a base plate (2) onto which a housing (6) in the shape of a U-bend plate is mounted, wherein a pawl (8) is arranged having a hook-shaped catching end, and said pawl over a cranked and pivotally mounted spring arm (20) is connected to a turnable handle (26), and where the spring element extends through an aperture in the edge of the housing, there is a risk that a finger can be crushed in

the free space (38) between the housing (6) and the spring arm (20). This problem can be solved by providing the spring arm (20) with a cranking that reduces the free space (38), but in such a way that the wanted spring force still is maintained, or by bending the material from the slot up along one of the long sides, so that it protrudes to cover the free space. Hereby the safety problem is solved without making the locking mechanism more expensive to manufacture or change its way of working.

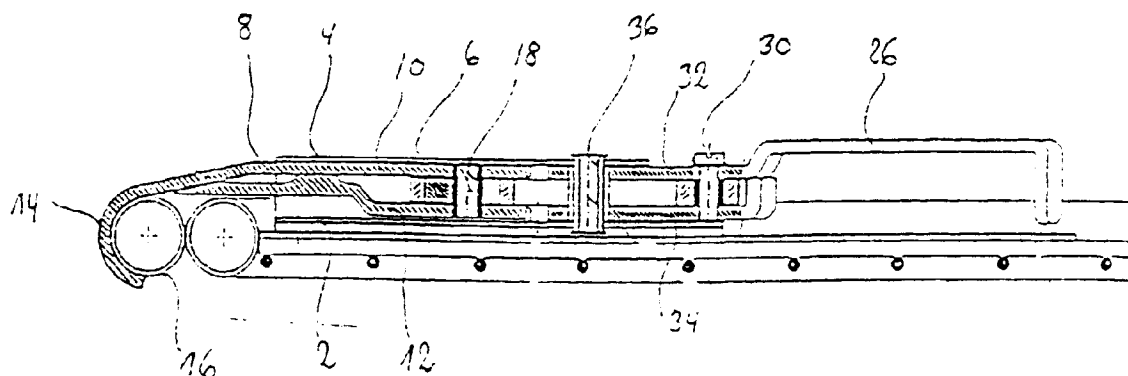


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 61 0024

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. 6)
A	EP 0 164 971 A (TTB FABRICATIONS LTD) 18 December 1985 * the whole document *	1,5	E05C19/14
A	US 1 871 580 A (BEADLE JOHN J) 16 August 1932 * the whole document *	1,5	
A	FR 2 275 168 A (DZUS FASTENER CO. INC.) 16 January 1976 * figures 1-3 *	2	
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A	US 4 396 217 A (HODGSON R W ET AL) 2 August 1983		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 6)
			E05C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		6 February 1998	PEREZ MENDEZ, J
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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