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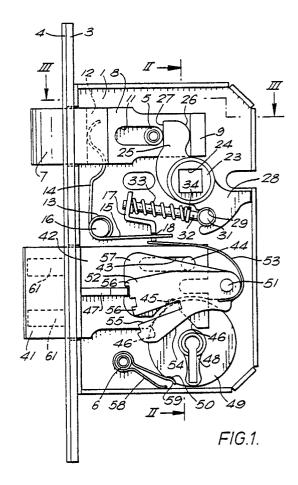
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(57) A mortice latch which largely overcomes the

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M Improvements in mortice latches.

problems of wear and breakdown in operation comprises a casing consisting of a top case (2) and a bottom case (1); a latch bolt assembly reciprocally mounted in the casing and comprising a bolt head (7), a bolt lathe (8) and a bolt end-stop (9); a latch bolt follower (23), pivotally mounted in the casing, and a return spring (33). The follower (23) has a first curved arm (25) provided at its end with an arcuate surface (26) which is engageable with the latch bolt end-stop (9) and a second curved arm (28) which is provided with a cylindrical socket (29). A roller (31) is freely pivotally mounted in the socket (29) and the return spring (33) is mounted on a shaft (32) which extends from the roller (31). The shaft (32) extends through an aperture in a strip (17) projecting from the bottom case (1) and one end of the spring (33), which takes the form of a coil spring, bears against the strip (17) while the other end of the spring bears against a stop (34) on the shaft (32). The engagement of the roller (31) in the socket (29) of the follower provides a ball and socket type action and mis such that very little wear takes place and any that does is fully compensated. The latch bolt can still be operated even in the event of failure of the return spring (33). A dead bolt assembly may also be fitted to the mortice latch if desired.





EUROPEAN SEARCH REPORT

EP 89 30 1977

	DOCUMENTS CONSIDER		Relevant	CLASSIFICATION OF THE
ategory	Citation of document with indicat of relevant passages	s	to claim	APPLICATION (Int. Cl. 4)
X	FR-A- 772 055 (BRICAL * Complete document *	RD)	1-9	E 05 B 15/04
A	DE-C- 179 116 (RENFE * Figure 3 *	RT)	10-13	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				E 05 B
	The present search report has been drawn up for all claims			
	Place of search THE HAGUE	Date of completion of the search 27-07-1990	VA	Examiner N BOGAERT J.A.M.M.

CATEGORY OF CITED DOCUMENTS

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