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(54) **Coin box storage structure.**

(57) A coin box storage structure includes a coin box, a safe chamber, a shutter plate, a lock lever, a tumbler mechanism, and a dampening member. The shutter plate is swingably disposed in a lid, has a projection, and opens a coin storage port against a biasing force when the coin box is stored in the safe chamber. The lock lever has a ratchet portion engaged with the projection of the shutter plate to keep closing the coin storage port when the coin box is removed from the safe chamber. The lock lever is pressed and pivoted by the shutter plate when the coin box is stored in the safe chamber. When the lock lever is pivoted by a predetermined angle or less during opening of the lid, the tumbler mechanism reverses the lock lever to disengage the ratchet portion from the projection of the shutter plate to set the shutter plate in a preset state. When the lock lever is pivoted by the predetermined angle or more during storage of the coin box into the safe chamber, this mechanism reverses the lock lever to set the ratchet portion and the projection of the shutter plate in an engagement standby state. The dampening member inhibits to apply a pivot force to the lock lever in an initial period of pivotal movement of the lid and pivots the lock lever in pivotal movement of the lid by an angle exceeding the predetermined angle.

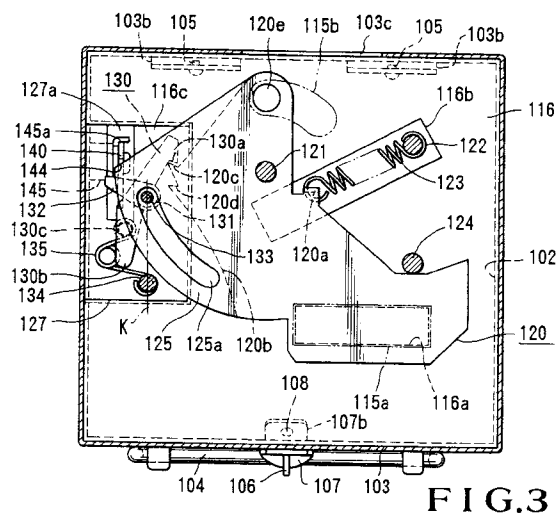


FIG.3



European Patent
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EUROPEAN SEARCH REPORT

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EP 93 30 3868

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.5)
A	GB-A-755 636 (HALL TELEPHONE ACCESSORIES LIMITED) * page 2, line 5 - line 100; figures * ---	1	G07F9/06
A	US-A-3 837 566 (MCGOUGH) * column 2, line 46 - column 3, line 60; figures * ---	1	
A	US-A-5 038 908 (MCGOUGH) * column 2, line 26 - column 3, line 30; figures * ---	1	
A	DE-C-596 310 (TELEPHON-APPARAT-FABRIK E.ZWIETUSCH & CO.GMBH) * page 1, line 43 - page 2, line 103; figures * -----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			G07F
Place of search		Date of completion of the search	Examiner
THE HAGUE		21 April 1994	Pineau, A
<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 & : member of the same patent family, corresponding document</p>			

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