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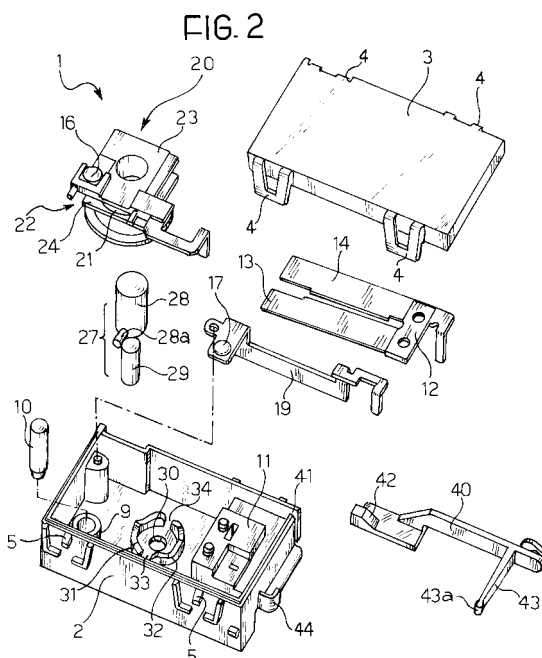
(60) Divisional application:
09158169.4

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(54) **A door locking device, in particular for a domestic appliance**

(57) The device (1) includes
a support structure (2, 3);
a retaining slider (6) operable to remain in a rest position while the door is open but to move into a working position in which it retains the door in its closed position; and
an electro-mechanical control device (20) including a stationary solenoid (21) for controlling the axial position of an associated core (29) which is movable along a path intersecting the trajectory of the slider (6);
a resilient member (14) associated with the core (29) and cam members (31-35) associated with the core (29) and cooperating with it in such a way that each time the solenoid (21) is excited, the core (29) is returned to its axially retracted position and rotated about its axis by a predetermined amount, and each time the solenoid (21) is de-excited, the core (29) is urged back into its axially extended position by the associated resilient member (14).

The cam members (31-35) are shaped so as to define at least first and second stable angular positions for the core (29), in which they respectively allow the core (29) to move or prevent it from moving into its axially extended position.





EUROPEAN SEARCH REPORT

Application Number
EP 05 10 5753

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 May 2009	Examiner Weinberg, Ekkehard
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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