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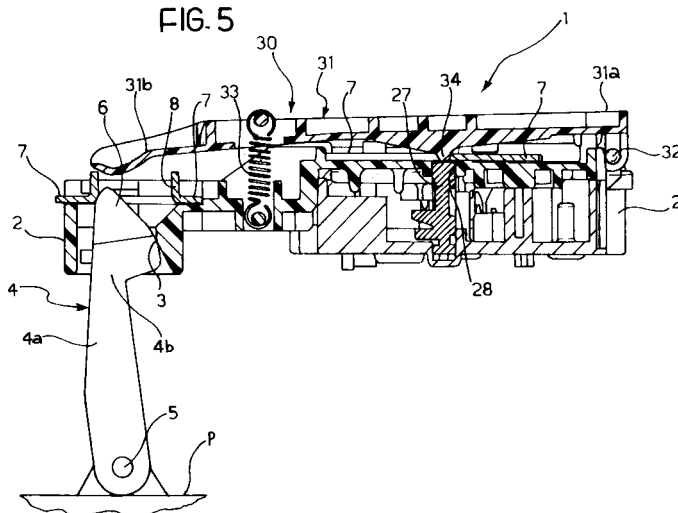
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(54) **A door lock device of increased safety, particularly for domestic electrical appliances**

(57) A door locking device comprising:
a support structure (2) with an aperture (3) into which a hook member (4) connected to this door (P) is introduced when the door (P) is closed,
a retainer slide (7) movable between a working position in which it is able to obstruct the aperture (3) partially and retain the hook member (4), and a rest position in which it is able to allow disengagement of the hook member (4); and
an electro-mechanical control device (27) including a movable lock member (27) displaceable from an inactive to a locking position, in which it is able respectively to

allow and prevent the passage of the retainer slide (7) from the working position to the rest position. The device further includes a safety mechanism (30) including a feeler member (31b) sensitive to the position of the hook member (4) when the door (P) is closed and an intervention member (34) associated with the feeler member (31b) and operable, when the hook member (4) is disengaged from the feeler member (31b) whilst the lock member (27) is in the locking position, to interact with the lock member (27) causing it to return to the release position, and with the retainer slide (7) locking it in the said working position.

FIG. 5





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 04 10 6630

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 April 2008	Examiner Geerts, Arnold
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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