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(54) **Balancing device for a door of an household appliance**

(57) A balancing device for a door of an household appliance, provided with chassis to which is hinged the door, includes at least an articulated means (1) provided with a balance means (2) equipped with swiveling connection means at least first (3), second (4) and third (5) respectively for the appliance chassis, for an elastic mean (6), for an end of a tension rod mean (7) whose remaining end has a coupler (8) for the door of the appliance.

The first swiveling connection means (3) is meddle and misaligned to the remaining two. The elastic mean (6) transmits to the balance means (2) a force opposing the door weight and transmitted to the balance means (2) by the tension rod mean (7).

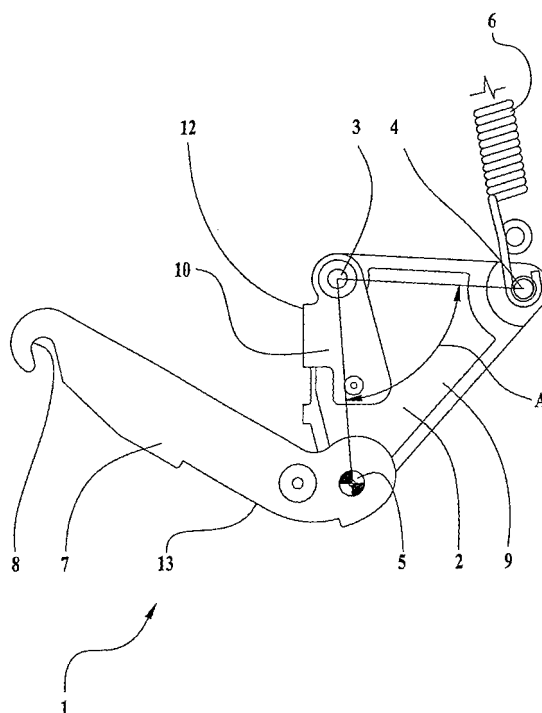


FIG.1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 04 02 4203

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			TECHNICAL FIELDS SEARCHED (IPC)
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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 26 January 2007	Examiner DIAZ, M
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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