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(54) **Simple lock of sliding doors-windows with a system of averting damages due to violent collision at closing**

(57) A lock for aluminium framed sliding panels comprises dividable members of a lock head (1) and a connecting screw (2) onto the functional member of the lock.

The lock head is externally cylindrical with an internal square recess (1a) receiving the connecting screw.

The screw is of special manufacture, with a square head (2a), with a member (4) that passes through the head via a corresponding aperture through the internal recess.

The member of the special screw has suitable length for fitting of the lock head with the functional member of the lock and regulation of locking tolerances. A suitable spring (3) is additionally fitted that ensures smooth retrograding of the lock head, thereby averting any wear or damage thereof due to involuntary violent collision onto the collaborating pin of the lock receiving member when the sliding panel closes.

The effectiveness of the system in the safety and in the averting of wear or damages in combination with the simple manufacture provides easy installation and regulation, but also possibility of application in all new and older aluminium profile series, as element of new structures or of replacements of older defective systems of locking of framed panels.

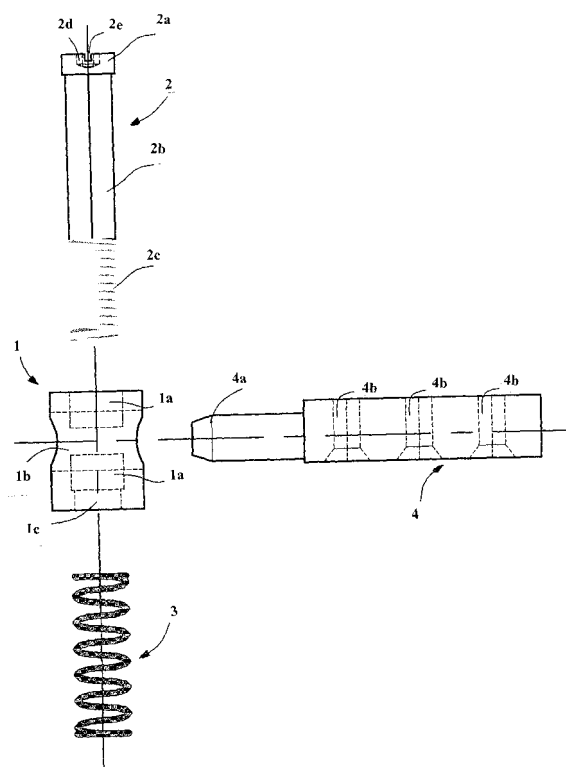


FIG. 5



EUROPEAN SEARCH REPORT

Application Number
EP 07 38 6029

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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 13 January 2009	Examiner Henkes, Roeland
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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