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(54) **Mechanism for the deceleration of a vertically retracting insect-blocking roller screen**

(57) Mechanism for the deceleration of a vertically retracting, upwardly moving insect-blocking roller screen (23) winding onto drum (24), the mechanism comprising a cylinder (1) containing a fluid mass (11), a shaft (2) equipped with blades rotatably mounted within cylinder (1) and means for the engagement of drum (24) with the shaft (2) slowly rotatable within fluid mass (11) during the retracting upward movement of the insect-blocking roller screen. No bolt whatsoever is employed neither in the linear assembly of parts of the mechanism nor in the

mounting of the mechanism onto the side plug means (12). The linear assembly is effected by a circumferential end annular rib (22a) provided at the edge of shaft portion (22) protruding through the open outlet of cylinder (1) clipping onto a circumferential groove (9) of an end stabilizing washer means (8), whilst mounting of the mechanism onto the side plug means (12) is effected by at least one longitudinal slot (19a) along a shaft extension (19) through the closed end of cylinder (1) clipping with at least one rib (14a) of a tube projection (14) of the side plug means (12).

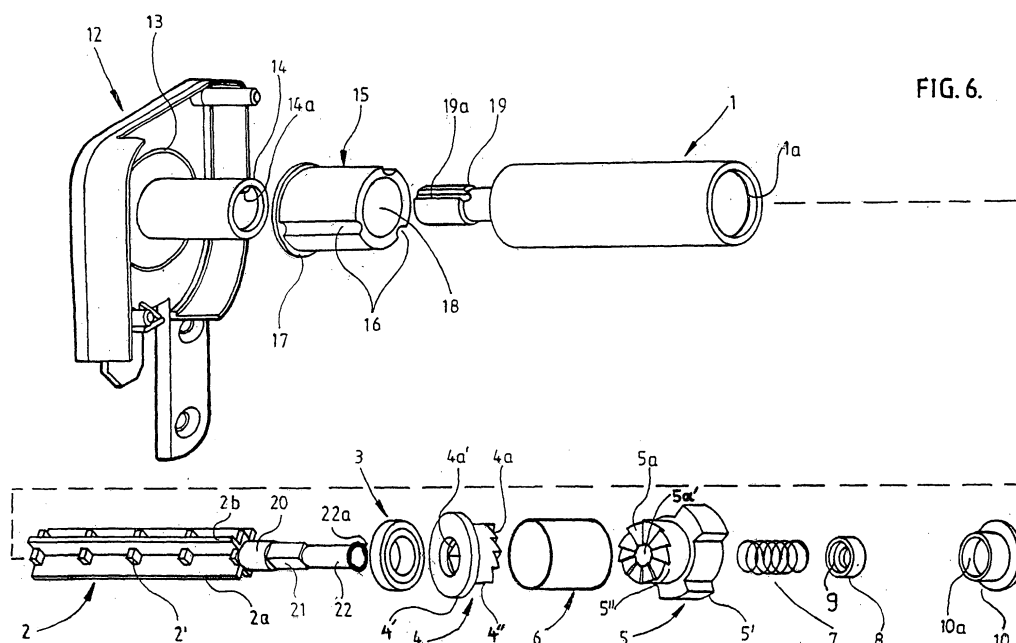


FIG. 6.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 07 38 6005

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,A	GR 1 004 263 B (STAVRAKAS KONSTANTINOS PANAGIO) 12 June 2003 (2003-06-12) * figure 7 * -----	1	INV. E06B9/54
			TECHNICAL FIELDS SEARCHED (IPC)
			E06B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 27 August 2007	Examiner Peschel, Gerhard
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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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GR 1004263	B	12-06-2003	NONE

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