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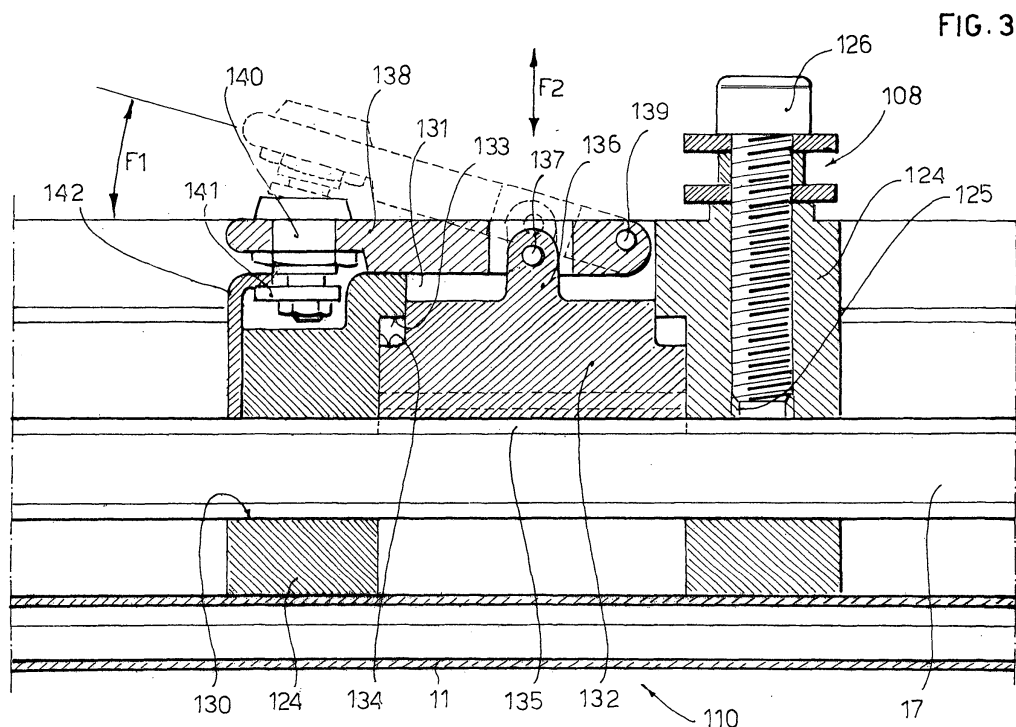
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(54) **Device for operating a swing gate**

(57) To drive a leaf (2) of a swing gate (1) a linear actuator operating device (110) is used, wherein a piston (124) operated by a worm screw (17) moves with a reciprocating translating movement along the axis of the screw (17). Said piston comprises a carriage (124) longitudinally slidably mounted inside the body (11) of the

actuator, and a comb (132) transversally slidably mounted inside the carriage (124) to pass from a position of engagement in which it engages with the thread of the screw (17) to a position of disengagement in which it does not interfere with the thread of the screw (17). There is further provided a connecting device (80, 180) able to connect said actuator (110) to a post (4).





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# EUROPEAN SEARCH REPORT

Application Number  
EP 03 02 8344

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X A	US 2002/152682 A1 (PARSADAYAN WALTER [US] ET AL) 24 October 2002 (2002-10-24) * paragraph [0007] - paragraph [0012]; figures 1-3 *	1-5,7,13 6	INV. E05F15/12
Y	FR 2 448 022 A (BODEI VIVIANI & C RIB SNC [IT]) 29 August 1980 (1980-08-29) * claims 1-3; figures 1-3 *	1-5,7,13	
Y	US 1 674 662 A (HAROLD ROWNTREE) 26 June 1928 (1928-06-26) * page 2, line 81 - line 129; figures 7-10 *	1-5,7,13	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05F
-The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 February 2007	Examiner Guillaume, Geert
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-13



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**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number

EP 03 02 8344

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-13

A linear actuator operating device for a swing gate leaf  
with a lockable disengaging means between screw drive and  
driven nut.

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2. claims: 14,15

Adjustable connecting device for connecting a swing gate  
leaf actuator to a post.

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 8344

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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22-02-2007

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