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(72) Inventor: **Trani, Antonio**
36031 Dueville (Vicenza) (IT)

(74) Representative: **Modiano, Micaela Nadia et al**
Dr. Modiano & Associati S.p.A.
Via Meravigli 16
20123 Milano (IT)

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(71) Applicant: **TOPP S.p.A.**
36066 Sandrigo (Vicenza) (IT)

(54) **Device for anchoring to a shutter the free end of a flexible element associated with an actuator for moving the shutter**

(57) A device for anchoring to a shutter (11) the free end (12) of a flexible element (13) associated with an actuator (15) for moving the shutter (11), the device (10) comprising an engagement terminal (16), which is rigidly fixed to the free end (12) of a partially flexible chain (14), and a complementary engagement block (17), which can be coupled to the engagement terminal (16) and is rigidly fixed to the shutter (11). The anchoring device (10) allows fine adjustment of the distance of the engagement ter-

minal (16) from the chain, so as to adjust in an optimum manner the closure of the shutter (11) on the casing (11a). The engagement block (17), by way of mutually opposite elastically deformable wings (33), allows quick and easy engagement and release of the engagement terminal (16) according to requirements. The anchoring device (10) allows to avoid the sudden collapse of the chain (14) and the consequent uncontrolled closing of the shutter (11).

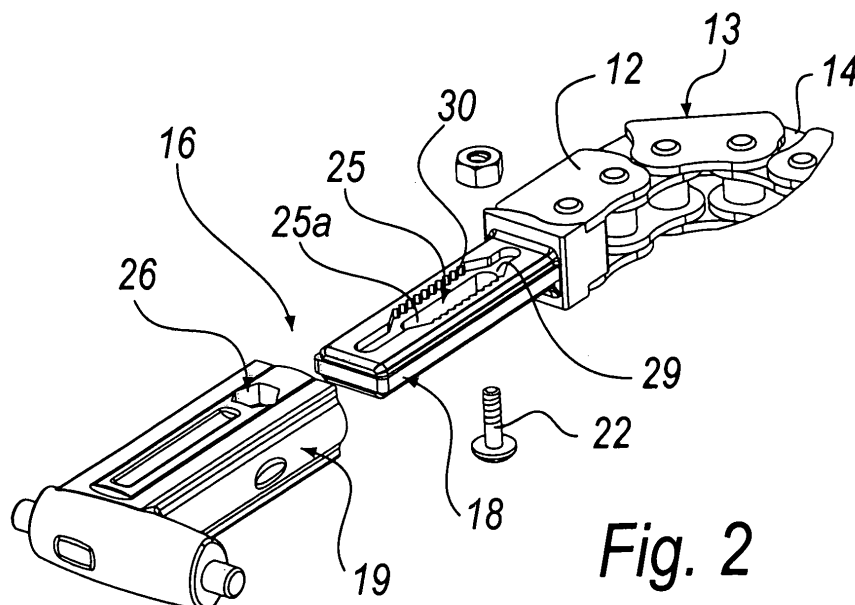


Fig. 2



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	----- EP 1 264 955 A (TOPP S.R.L) 11 December 2002 (2002-12-11) * figure 1 *	1	
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A	----- US 5 829 199 A (HARVEY ET AL) 3 November 1998 (1998-11-03) * column 4, lines 51-62 * * figures 1,8 *	2,3	
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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 23 June 2006	Examiner Mund, A
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	

EPO FORM 1503.03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 4 521 993 A (TACHENY ET AL) 11 June 1985 (1985-06-11) * column 2, lines 6-11 * * column 6, lines 17-29 * * figures 3-6 * -----	2,3	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 June 2006	Examiner Mund, A
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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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:



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, 3-11

Anchoring device with adjustable engagement terminal.

2. claims: 2-4, 6-11

Anchoring device with disengageable engagement terminal.

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

EP 04 02 3584

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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23-06-2006

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