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(72) Inventors:
• **Jacobs, Kenneth**
Surrey, GU5 0EF (GB)
• **Flynn, Mark R.**
Caterham, Surrey, CR3 6PU (GB)

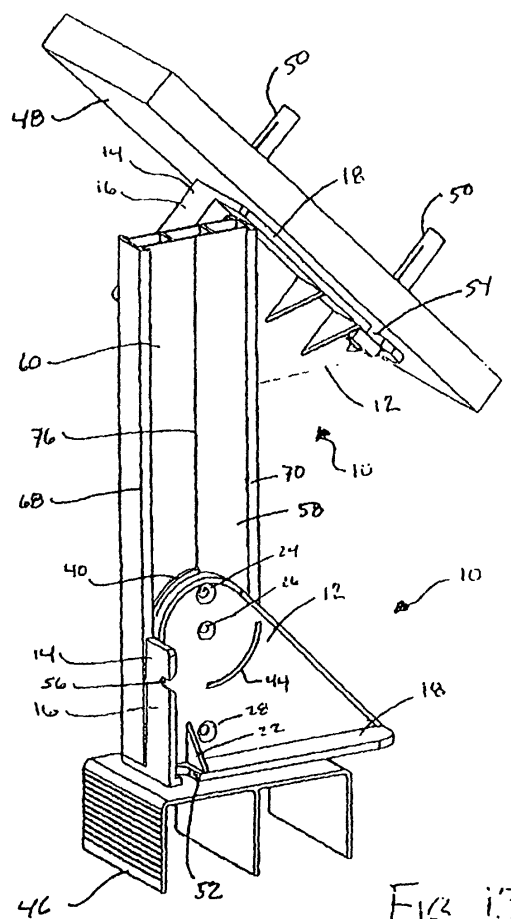
(30) Priority: **20.01.1999 US 116585 P**

(74) Representative: **Laight, Martin Harvey**
W.H. Beck, Greener & Co.
7 Stone Buildings
Lincoln's Inn
London WC2A 3SZ (GB)

(54) **Door track mounting device**

(57) A track mounting device for installing an upper track of a folding or sliding door assembly onto a ceiling surface, comprises a height reducing member (58) having end portions a first bracket (10) and a second bracket (10). The first bracket (10) has a track mounting portion (18) on which the upper track can be fixedly mounted and first mounting structure (30) for mounting said first bracket (10) to one of said end portions of said height reducing member. The second bracket (10) has a ceiling mounting portion (18) for fixing to a ceiling surface, and a second mounting structure (30) for movably mounting said second bracket to the other of said end portions of said height reducing member in such a manner as to allow said ceiling mounting portion (18) to be positioned at a selected angle with respect to said height reducing member (58).

The track mounting device may have an orientation indicating device (100) for indicating when said track mounting portion (18) of said first bracket (10) is oriented generally horizontally.



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	FR 837 819 A (HUGUET ET TOURNEMINE) 21 February 1939 (1939-02-21) * page 1, line 61 - page 2, line 59 * * figures * -----	1,4,11, 22,23	E05D15/06
X	US 2 649 612 A (LOOMIS AUSTIN C) 25 August 1953 (1953-08-25) * column 6, line 7 - line 30 * -----	17,24	
Y	FR 2 681 361 A (PERICARD JEAN MICHEL) 19 March 1993 (1993-03-19) * abstract; figure * * page 2, line 34 - line 37 * -----	17,24	
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Y	WO 98/29629 A (GEZE GMBH & CO) 9 July 1998 (1998-07-09) * page 9, paragraph 4 * -----	17,24	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E05D E05F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		8 October 2004	Witasse-Moreau, C
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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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:



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LACK OF UNITY OF INVENTION
SHEET B

Application Number
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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: 1-16,22,23

track mounting device for a sliding door with a height
reducing member

2. claims: 17-21,24

track mounting device with an orientation indicating device

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

EP 00 30 0424

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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82