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(72) Inventor: **Taylor, Colin Jeffrey**
West Midlands WS3 3BT (GB)

(74) Representative: **Wightman, David Alexander**
Barker Brettell LLP
138 Hagley Road
Edgbaston
Birmingham
B16 9PW (GB)

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(71) Applicant: **Bloxwich Engineering Limited**
Bell Lane, Bloxwich
Walsall WS3 2JR (GB)

(54) **Hinge**

(57) A double pivot door hinge 3 comprises a body leaf 4 connected to a centre leaf 5 by a hinge pin 12 and a door leaf 6 connected to the centre leaf by a hinge pin 27. A control mechanism including a slide bar 38 co-operable with flats 17,31 on the hinge pins 12,27 to provide

sequential movement of the door leaf 6 about hinge axes A and B between a closed position through an intermediate open position to a full open position. The slide bar 38 is housed in a cavity in the centre leaf 5 containing a lubricant or grease for assisting sliding movement of the slide bar 38.

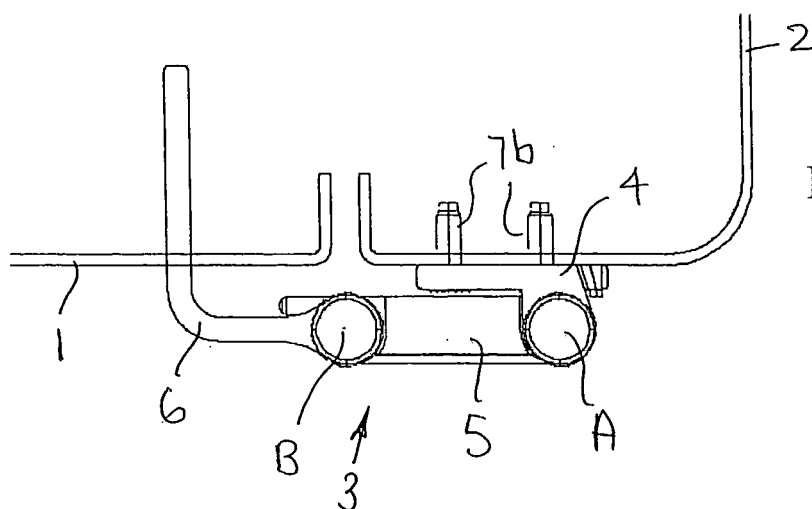


FIGURE 1

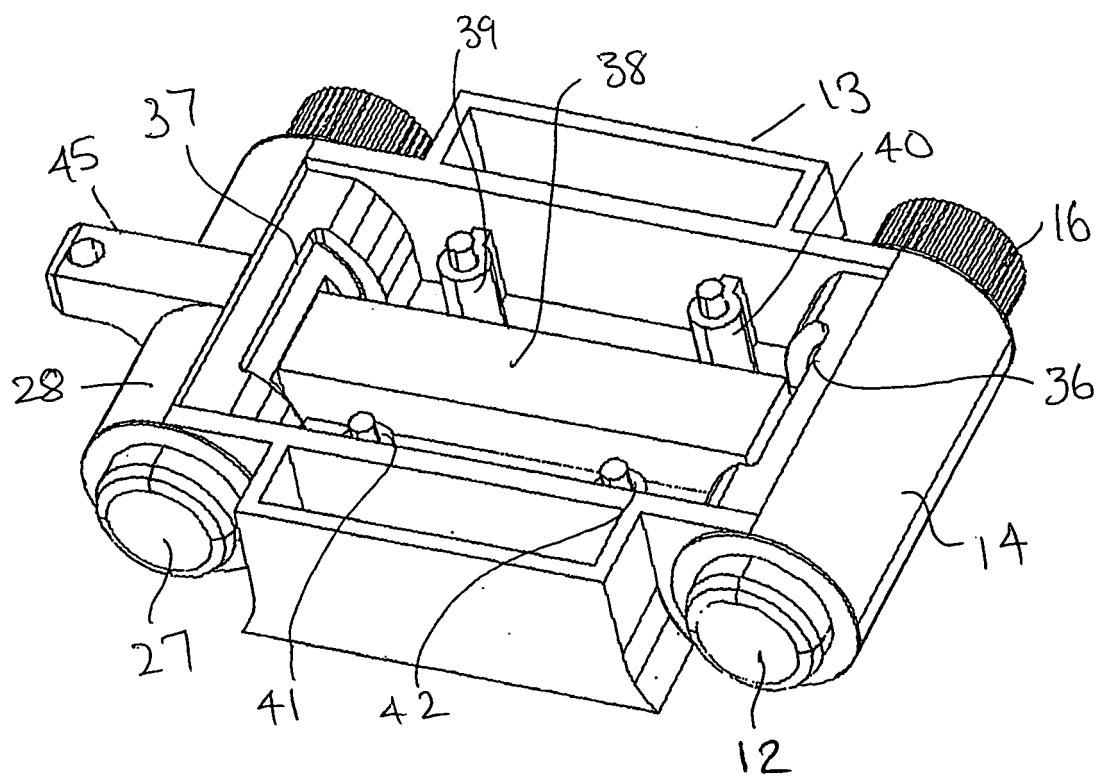


FIGURE 6



EUROPEAN SEARCH REPORT

Application Number
EP 06 25 2627

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	GB 1 189 954 A (DAIMLER BENZ AG [DE]) 29 April 1970 (1970-04-29) * column 2, line 4 - line 60; figures * -----	1-12	INV. E05D11/10
X	US 2002/050026 A1 (JACQUIN DOMINIQUE [FR]) 2 May 2002 (2002-05-02) * paragraph [0026] - paragraph [0052]; figures * -----	1-12	
X	DE 73 38 887 U (SCHARWAECHTER E KG) 14 February 1974 (1974-02-14) * figures * -----	1-12	
X	FR 2 455 156 A (SCHARWAECHTER GMBH CO KG [DE]) 21 November 1980 (1980-11-21) * page 4, line 35 - page 6, line 31; figures * -----	1-12	
X	US 2 494 682 A (ASPIN ARTHUR W) 17 January 1950 (1950-01-17) * figures * -----	1-12	
A	GB 2 001 699 A (PAUMELLERIE ELECTRIQUE) 7 February 1979 (1979-02-07) * page 1, line 123 - page 2, line 111; figures * -----	1-12	TECHNICAL FIELDS SEARCHED (IPC) E05D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 September 2009	Examiner Di Renzo, Raffaele
<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 & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

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

EP 06 25 2627

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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10-09-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 1189954 A	29-04-1970	FR 1565238 A	25-04-1969
US 2002050026 A1	02-05-2002	EP 1111176 A1	27-06-2001
		FR 2802966 A1	29-06-2001
DE 7338887 U		NONE	
FR 2455156 A	21-11-1980	DE 2917164 A1	06-11-1980
		ES 257052 Y	16-04-1982
		IT 1130302 B	11-06-1986
US 2494682 A	17-01-1950	NONE	
GB 2001699 A	07-02-1979	DE 2830865 A1	08-02-1979
		ES 237857 U	16-03-1979
		FR 2398867 A1	23-02-1979
		NL 7807929 A	30-01-1979