

(19)



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Office européen des brevets



(11)

EP 0 808 982 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
13.01.1999 Bulletin 1999/02

(51) Int Cl.⁶: **E05D 3/06**, E05F 1/12,
B62D 25/10

(43) Date of publication A2:
26.11.1997 Bulletin 1997/48

(21) Application number: **97303390.5**

(22) Date of filing: **19.05.1997**

(84) Designated Contracting States:
DE ES FR GB IT SE

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(30) Priority: **24.05.1996 GB 9610911**

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(54) Hinged closures

(57) A hinge mechanism for assisting the lifting particularly of a boot lid or tailgate hinged to a motor vehicle body, comprises an inner link (6) and an outer link (8) permitting pivoting of the lid about the body, and a gas strut (10) acting between the fixed hinge part (2) attach-

able to the body and the movable hinge part (4) attachable to the lid. One end of the strut acts through a pivotable lever (16) whose movement is constrained by engagement with a cam (12) when the two hinge parts are in close proximity, as when the lid is in a lowered position, thereby to cause a lifting movement of the lid.

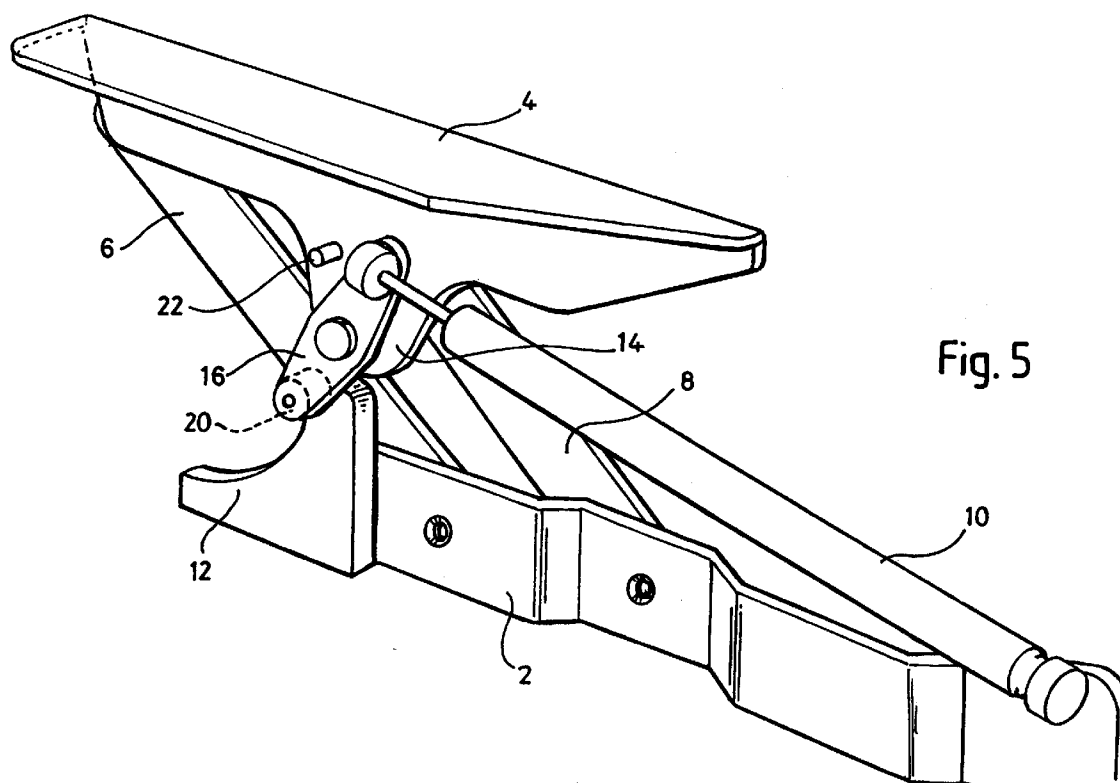


Fig. 5

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EUROPEAN SEARCH REPORT

Application Number
EP 97 30 3390

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.6)
X	EP 0 074 880 A (REGIE NATIONALE DES USINES RENAULT) 23 March 1983	18,19	E05D3/06
Y	* page 2, line 34 - page 3, line 22 *	1-6, 12-17	E05F1/12
	* page 5, line 4 - line 12; figures 1-5 *		B62D25/10
Y	DE 42 42 062 A (BAYERISCHE MOTOREN WERKE) 16 June 1994	1-6, 12-17	
	* column 2, line 19 - line 50; figure 1 *		
A	DE 92 11 919 U (LUNKE) 13 January 1994	1,7,11	
	* page 7, line 23 - page 9, line 11 *		
	* page 10, line 24 - page 11, line 17; figures 1-4 *		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E05F
Place of search THE HAGUE		Date of completion of the search 20 November 1998	Examiner Guillaume, G
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)