

Title (en)
Control levers.

Title (de)
Steuerhebel.

Title (fr)
Leviers de commande.

Publication
EP 0516887 A1 19921209 (EN)

Application
EP 91201333 A 19910601

Priority
EP 91201333 A 19910601

Abstract (en)
Mounting means for a control lever (6) comprising first and second spaced-apart mounting members (21,24) of which the first member (21) has a first circular aperture (25) to receive a first end of a pivot shaft (12) associated with the control lever (6) and the second member (24) has a second circular aperture (26) concentric with the first aperture (25) to receive a second end of the pivot shaft (12). The second aperture (26) communicates with an edge of the second mounting member (24) via a parallel-sided slot (27) of which the width is less than the diameter of the second aperture (26). The first end of the pivot shaft (12) has a first terminal portion (13) of reduced diameter to form a first shoulder (14) at that end. Said first reduced diameter portion (13) is rotatably received in said first aperture (25) and said first shoulder (14) is engageable with the associated face of the first mounting member (21). The second end of the pivot shaft (12) has a second terminal portion (15) of reduced diameter to form a second shoulder (16). Said second terminal portion (15) also is provided with a pair of diametrically opposed flats (17) having a distance therebetween which is such as to make this second terminal portion (15) slidably fit in said parallel-sided slot (27) and furthermore, the second shoulder (16) is engageable with the corresponding face of the second mounting member (24), the arrangement being such that, when the pivot shaft (12) is rotated such that the flats (17) thereon are no longer in alignment with said parallel-sided slot (27), the pivot shaft (12) is axially retained between the first and second mounting members (21,24) by the first and second shoulders (14,16) and the misalignment of the flats (17) and slot (27) prevents any transverse movement of the pivot shaft (12). <IMAGE>

IPC 1-7
F16B 9/02; G05G 1/04

IPC 8 full level
G05G 1/04 (2006.01)

CPC (source: EP)
G05G 1/04 (2013.01)

Citation (search report)
• [X] EP 0143054 A1 19850529 - PEUGEOT [FR], et al
• [A] DE 8803714 U1 19880526
• [A] US 4428696 A 19840131 - PRICE EDISON A [US]
• [A] DE 2650905 A1 19780511 - DAIMLER BENZ AG

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