

Title (en)

MECHANICAL MANUAL ADJUSTING DEVICE FOR THE REGULATING STROKE OF AN ADJUSTMENT MEMBER

Publication

EP 0531791 A3 19931013 (DE)

Application

EP 92114452 A 19920825

Priority

DE 4130125 A 19910911

Abstract (en)

[origin: EP0531791A2] In adjustments of control elements, displaceable between two limit positions, by way of electronically controlled stepping motors, an emergency operation is necessary, it being possible to manually set the control element to a predetermined position inside the limit positions. This is achieved according to the invention in that the rotor shaft (19) of the stepping motor (3) has a toothing (29), which can be brought into engagement with a pinion (31) of an adjusting shaft (33) supported in the stepping motor housing (17) against the force of a compression spring (35), and that the adjusting shaft (33) has a manual adjusting element manually adjustable and rotatable from outside the stepping motor housing (17). <IMAGE>

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CPC (source: EP US)

F02D 1/08 (2013.01 - EP US); **F02M 59/38** (2013.01 - EP US); **F02M 59/447** (2013.01 - EP US)

Citation (search report)

- [A] FR 2172974 A1 19731005 - POLSKA AKADEMIA NAUK INSTYTUT [PL]
- [A] DE 3914263 C1 19900913
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 87 (M-291)(1524) 20. April 1984 & JP-A-59 003 127 (HINO JIDOSHA KOGYO) 9. Januar 1984
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 249 (M-338)(1686) 15. November 1984 & JP-A-59 126 063 (HINO JIDOSHA KOGYO) 20. Juli 1984

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