

Title (en)

SHOCK ABSORBER AND ASSEMBLY FOR RECORDING SHOCK ABSORBER DISPLACEMENT

Title (de)

STOSSDÄMPFER UND ANORDNUNG ZUR ERFASSUNG VON STOSSDÄMPFERBEWEGUNGEN

Title (fr)

AMORTISSEUR DE CHOCS ET DISPOSITIF POUR DETECTER DES DEPLACEMENTS D'AMORTISSEUR DE CHOCS

Publication

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Application

EP 03762554 A 20030630

Priority

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- EP 0306914 W 20030630

Abstract (en)

[origin: WO2004005748A1] The invention relates to a shock absorber (2) comprising a piston rod (12) that is located so that it can be displaced longitudinally in an external housing (14). The aim of the invention is to provide a shock absorber, which is particularly suitable for recording the position of its piston rod (12) in relation to the external housing (14) using simple, robust means in a reliable manner. To achieve this, the inventive piston rod (12) is provided with a magnetic encoder (18), which comprises a permanent magnetic material with a modulated field line progression and/or modulated magnetic field strength extending in the longitudinal direction.

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F16F 9/32; **B60G 17/015**

IPC 8 full level

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Citation (search report)

See references of WO 2004005748A1

Citation (examination)

- JP S6244603 A 19870226 - S G KK
- JP S62211501 A 19870917 - TOSHIBA MACHINE CO LTD
- US 4471304 A 19840911 - WOLF HENNING [DE]

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