

Title (en)

Torque transformer for sliding doors.

Title (de)

Drehmomentwandler für Schiebetüre.

Title (fr)

Variateur de couple pour porte coulissante.

Publication

EP 0534832 A1 19930331 (FR)

Application

EP 92402583 A 19920921

Priority

FR 9111840 A 19910926

Abstract (en)

The torque transformer comprises an additional device consisting of a needle 18 changing the pressure exerted on the clutch ring 11 of the driving pulley 8 of the belt 5. It is mounted on a leaf spring 20, the displacement of which is governed by that of a screw 24 which is displaced in the axis of rotation 25 of a gearwheel 26 driven by the belt. The invention is used for operating a sealing door of a refrigerating storeroom. <IMAGE>

Abstract (fr)

Le variateur de couple comporte un dispositif supplémentaire constitué d'un pointeau 18 modifiant la pression exercée sur la couronne d'embrayage 11 de la poulie motrice 8 de la courroie 5. Il est monté sur une lame-ressort 20 dont le déplacement est asservi à celui d'une vis 24 se déplaçant dans l'axe de rotation 25 d'une roue dentée 26 entraînée par la courroie. Application à la manoeuvre d'une porte étanche d'entrepôt frigorifique. <IMAGE>

IPC 1-7

E05D 15/56; **E05F 15/14**

IPC 8 full level

E05D 15/56 (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] DE 3631576 A1 19880331 - RHEIN GETRIEBE GMBH [DE]
- [AD] FR 2451445 A1 19801010 - FERMOD
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EP 0534832 A1 19930331; CA 2079178 A1 19930327; FR 2681899 A1 19930402; FR 2681899 B1 19931224

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