

Title (en)

Device for the bidirectional movement longitudinally of a bar in a succession of displacement of predetermined constant amplitude.

Title (de)

Vorrichtung für die Zweirichtungs-Längsbewegung einer Stange in von vorher festgesetzter Amplitude von aufeinanderfolgenden Versetzungen.

Title (fr)

Dispositif pour le mouvement bidirectionnel longitudinal d'une barre en succession de déplacements d'amplitude prédéterminée constante.

Publication

**EP 0140842 A1 19850508 (EN)**

Application

**EP 84830264 A 19841003**

Priority

IT 357983 A 19831010

Abstract (en)

The device comprises a rack 3, integral with a bar 4 and in alignment therewith, two rods 5 and 6, respectively, side-by-side in a longitudinal plane, each provided at the lower extremity with a corresponding transverse tailpiece 13 able to move axially from a non-operative to an operative position and vice versa, as well as to oscillate longitudinally from an internal position I to an external position E and vice versa, transverse abutment means 16a and 16b, respectively, that define, in cooperation with elastic means 17, the said internal position I of the rods 5 and 6, and to conclude, a transverse slide 18 that is positioned in between the said rods and is able to move alternately, in a longitudinal direction, between two extreme positions M and K, respectively. When one rod is in the operative position, the tailpiece 13 of this is inserted in a space 3b in between two teeth 3a of the rack 3. The displacement of the slide 18 in one direction causes the interception thereof with the rod that is in the operative position and, consequently, the rack 3 to be carried in the said direction.

IPC 1-7

**D04B 11/10**

IPC 8 full level

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CPC (source: EP)

**D04B 11/10** (2013.01)

Citation (search report)

- [A] DE 2026463 A1 19701203
- [A] DE 1809654 A1 19700625 - SCHUBERT & SALZER MASCHINEN
- [A] FR 1518646 A 19680329 - ARMES DE GUERRE FAB NAT

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