

Title (en)

POWER DRIVE FOR AN ELECTRIC SWITCHING DEVICE WITH ELASTIC TRANSMISSION OF THE DRIVING POWER

Publication

**EP 0038286 B1 19841227 (DE)**

Application

**EP 81730034 A 19810319**

Priority

DE 3014825 A 19800415

Abstract (en)

[origin: CA1161888A] Disclosed is a power drive for electric switchgear in which the driving force is elastically transmitted to an actuating member, for example, a handle. Thereby, tolerance compensation is provided to allow the drive motor to run into the end positions of the drive. A bending-type spring is disclosed as an elastic power transmitting member which is arranged transversely to the direction of motion of a slide which transmits the driving force to the switchgear. The bending-type spring can be connected to the slide. The bending-type spring can be a leaf spring, and more particularly two parallel leaf springs. In the disclosed embodiments, the two parallel leaf springs are provided as a single U-shaped leaf spring having parallel legs. The U-shaped leaf spring can either be supported at both ends thereof in the slide or the legs can be fastened in a mounting body connected to the slide.

IPC 1-7

**H01H 3/02**; **H01H 3/26**

IPC 8 full level

**H01H 33/28** (2006.01); **H01H 3/02** (2006.01); **H01H 3/26** (2006.01)

CPC (source: EP US)

**H01H 3/26** (2013.01 - EP US); **Y10T 74/18968** (2015.01 - EP US)

Cited by

FR2770335A1; EP0549084A3

Designated contracting state (EPC)

AT FR GB IT

DOCDB simple family (publication)

**EP 0038286 A1 19811021**; **EP 0038286 B1 19841227**; AT E10987 T1 19850115; BR 8102278 A 19811201; CA 1161888 A 19840207; DE 3014825 A1 19811022; DE 3014825 C2 19821021; JP S5734617 A 19820225; MX 149505 A 19831115; US 4468977 A 19840904

DOCDB simple family (application)

**EP 81730034 A 19810319**; AT 81730034 T 19810319; BR 8102278 A 19810414; CA 375363 A 19810413; DE 3014825 A 19800415; JP 5687681 A 19810415; MX 18685581 A 19810414; US 25358781 A 19810413