

Title (en)

POWER STRIKER MECHANISM WITH BACKDRIVE PREVENTION

Title (de)

HILFSKRAFTBETÄTIGTER SCHLIESSBÜGEL MIT RÜCKSPEISUNGSSICHERUNG

Title (fr)

MECANISME DE GACHE ELECTRIQUE AVEC SYSTEME DE RETENUE

Publication

**EP 1257720 B1 20050810 (EN)**

Application

**EP 01907266 A 20010215**

Priority

- CA 0100182 W 20010215
- US 18404200 P 20000222

Abstract (en)

[origin: WO0163075A1] A power striker mechanism (10) has a housing (22). A striker (18) is mounted on a striker plate (20) that is mounted on the housing for sliding movement between an inboard and an outboard position. A driver plate (44) is mounted to the housing for sliding movement in a direction orthogonal to the movement of the striker plate (20). An actuator (16) effects movement of the driver plate (44) to thereby effect movement of the striker plate (20) between the inboard and outboard positions. The striker plate (20) has a pin (36) and the driver plate has an S-shaped slot (42). The pin slidably engages the S-shaped slot. The S-shaped slot has end regions extending generally parallel to each other and in the orthogonal direction and is interconnected by a diagonally extending section. When the pin (36) is in the end regions of the S-shaped slot, forces imparted on the striker plate (20) are transmitted to the housing (22) and thereby preventing backlash of the actuator (16). When the pin (36) is in the diagonally extending section, movement of the drive plate (44) effects movement of the striker plate (20).

IPC 1-7

**E05B 15/02**; **E05B 47/00**; **E05B 65/12**

IPC 8 full level

**E05B 65/12** (2006.01)

CPC (source: EP)

**E05B 81/22** (2013.01)

Cited by

DE102005053649B4; DE102006002972A1; DE102006002972B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**WO 0163075 A1 20010830**; AU 3526801 A 20010903; CA 2395248 A1 20010830; CA 2395248 C 20081230; DE 60112549 D1 20050915; DE 60112549 T2 20060330; EP 1257720 A1 20021120; EP 1257720 B1 20050810

DOCDB simple family (application)

**CA 0100182 W 20010215**; AU 3526801 A 20010215; CA 2395248 A 20010215; DE 60112549 T 20010215; EP 01907266 A 20010215