

Title (en)

Electric contactor for a pneumatic braking servo motor.

Title (de)

Elektrischer Schalter für einen pneumatischen Bremsservomotor.

Title (fr)

Contacteur électrique pour servomoteur pneumatique de freinage.

Publication

EP 0349367 B1 19940518 (FR)

Application

EP 89401658 A 19890614

Priority

FR 8808584 A 19880627

Abstract (en)

[origin: JPH0244617A] PURPOSE: To compensate a location tolerance in the halting state between a piston device and the rear wall of a booster housing and contact a brake alarm just after the working of a brake by connecting a plunger with a driven element by unidirectional elastic engagement means. CONSTITUTION: A driven element 13 follows the moving of a piston device 2 under the action of a spring 19 and carries an opening 26 working with a groove 30 formed on the head part of a plunger 15 each other until the contact formation area of a moving contact blade 21 or a stud 28 comes into contact with a fixed contact blade 20 against elastic stress of the blade 21 itself. The elastic engagement between the plunger and the driven element prevents the relative moving between those two parts. The driven element 13 is pressed toward the external side of a first main body part 6 by the spring 19 and the plunger is pressed in the opposite direction as a result of the elastic force of the blade 21 itself. The rigidity of this blade 21 is substantial half of that of the spring 19.

IPC 1-7

H01H 3/16

IPC 8 full level

H01H 13/18 (2006.01); **H01H 3/16** (2006.01); **H01H 13/12** (2006.01); **H01H 13/14** (2006.01)

CPC (source: EP KR US)

H01H 1/58 (2013.01 - KR); **H01H 3/16** (2013.01 - KR); **H01H 3/166** (2013.01 - EP US)

Cited by

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EP 0349367 A1 19900103; **EP 0349367 B1 19940518**; DE 68915345 D1 19940623; DE 68915345 T2 19940825; ES 2052944 T3 19940716; FR 2633443 A1 19891229; FR 2633443 B1 19950609; JP 2952598 B2 19990927; JP H0244617 A 19900214; KR 0133285 B1 19980424; KR 900000943 A 19900131; PL 160916 B1 19930531; US 5154282 A 19921013; YU 126889 A 19920720; YU 47324 B 19950131

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