

Title (en)

Closing resistor insertion mechanism with ball lock retainer

Title (de)

Einfügungsmechanismus mit Kugelverriegelung, für Einschaltwiderstand

Title (fr)

Mécanisme d'insertion d'une résistance de fermeture avec un verrouillage à bille

Publication

EP 1006547 B1 20060125 (FR)

Application

EP 99402903 A 19991123

Priority

FR 9815035 A 19981130

Abstract (en)

[origin: EP1006547A1] The mechanism includes a arc contact capable of partial movement in a direction (A) along which a metal rod (1) bearing a sliding tube (2) extends. Contact fingers (5) are provided at one end which engage a contact (5') so as to short circuit an arc-preventing resistance. A system with at least one ball (24) locks the sliding tube during the first phase of opening, and retracts during the second phase to allow the tube to move in the contact-separating direction.

IPC 8 full level

H01C 10/50 (2006.01); **H01H 33/16** (2006.01)

CPC (source: EP KR US)

H01C 10/50 (2013.01 - KR); **H01H 33/166** (2013.01 - EP US)

Cited by

CN115064327A; CN103500930A

Designated contracting state (EPC)

CH DE FR GB IT LI SE

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EP 1006547 A1 20000607; **EP 1006547 B1 20060125**; BR 9907398 A 20020723; CA 2290850 A1 20000530; CA 2290850 C 20040608; CN 1135585 C 20040121; CN 1258922 A 20000705; DE 69929580 D1 20060413; DE 69929580 T2 20061109; FR 2786606 A1 20000602; FR 2786606 B1 20010105; JP 2000173413 A 20000623; KR 20000035746 A 20000626; TW 497111 B 20020801; US 6284993 B1 20010904

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EP 99402903 A 19991123; BR 9907398 A 19991129; CA 2290850 A 19991129; CN 99122815 A 19991130; DE 69929580 T 19991123; FR 9815035 A 19981130; JP 33820699 A 19991129; KR 19990053369 A 19991129; TW 88120684 A 19991126; US 44947399 A 19991129