

Title (en)

Swinging lever actuating mechanism for circuit breaker with phase- and neutral conductor

Title (de)

Schwenkhebelbetätigungsmechanismus für Schutzschalter mit Phasen- und Neutralleiter

Title (fr)

Mécanisme de commande à palonnier pour disjoncteur électrique à phase et neutre

Publication

EP 0564379 B1 19960612 (FR)

Application

EP 93420138 A 19930326

Priority

FR 9203985 A 19920331

Abstract (en)

[origin: EP0564379A1] An actuating mechanism for a single-pole and neutral circuit breaker includes a tension spring (48) inserted between the two contact-holders, neutral (18) and phase (20), and anchored between a stud (68) of a drive plate and a transverse pin (58) of a swinging lever device. This results in a balancing of the pressure loads on the contacts, independently of wear and of manufacturing tolerances. <IMAGE>

IPC 1-7

H01H 71/00; **H01H 71/52**

IPC 8 full level

H01H 71/16 (2006.01); **H01H 71/00** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)

H01H 71/002 (2013.01); **H01H 71/526** (2013.01)

Cited by

EP3171385A4

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0564379 A1 19931006; **EP 0564379 B1 19960612**; CN 1033833 C 19970115; CN 1077051 A 19931006; DE 69303097 D1 19960718; DE 69303097 T2 19970102; ES 2090929 T3 19961016; FR 2689308 A1 19931001; FR 2689308 B1 19940520; RU 2096853 C1 19971120

DOCDB simple family (application)

EP 93420138 A 19930326; CN 93103528 A 19930330; DE 69303097 T 19930326; ES 93420138 T 19930326; FR 9203985 A 19920331; RU 93004768 A 19930330