

Title (en)

Disconnecter for the galvanic isolation of conductor rails with contact cleaning

Title (de)

Trennschalter zur galvanischen Trennung von Stromschienen mit Kontaktreinigung

Title (fr)

Sectionneur pour l'isolation galvanique des rails de contact avec nettoyage des contacts

Publication

EP 1369884 B1 20060118 (DE)

Application

EP 03090154 A 20030523

Priority

DE 10224450 A 20020529

Abstract (en)

[origin: EP1369884A1] Each contact carrier (1.1, 1.2) includes two contact fingers (2.1, 2.2). Each is carried in bearings. Each can be moved against the action of a contact pressure spring (3.1, 3.2), perpendicular to the plane of the bus bars (S), in the Z- direction. A push lever (4.1, 4.2) causes the movement, and is pivoted on the contact carrier at one end, and at the other on the contact finger. A constant acute angle is included by contact finger and push lever, during movement towards the bus bar ends (S) in the X-direction. The mechanism ensures axial motion of the contact finger in the X-direction, on relative motion between contact finger and contact finger in the Z-direction.

IPC 8 full level

H01H 1/18 (2006.01); **H01H 31/24** (2006.01)

CPC (source: EP)

H01H 1/18 (2013.01); **H01H 31/24** (2013.01); **H01H 2001/2033** (2013.01)

Cited by

CN107063537A; CN112786340A

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