

Title (en)
DRIVE TRAIN FOR A DISPLACEABLE CONTACT ON AN ELECTRICAL POWER BREAKER

Title (de)
ANTRIEBSSTRANG FÜR EINEN BEWEGBAREN KONTAKT EINES ELEKTRISCHEN SCHALTERS

Title (fr)
TRANSMISSION POUR UN CONTACT MOBILE D'UN COMMUTATEUR ELECTRIQUE

Publication
EP 1336186 B1 20080227 (DE)

Application
EP 01997826 A 20011120

Priority
• DE 0104421 W 20011120
• DE 10060195 A 20001124

Abstract (en)
[origin: WO0243096A1] The invention relates to a drive train for a displaceable contact (1) on a breaker contact arrangement in an electrical power breaker, whereby a coupling element (3), displaceable against a stop (12) and arranged between the moveable contact (1) and corresponding drive element (8), is provided with an anti-bounce device, comprising a catch element (13) and a counter piece (14). The catch element (13) which may be swung into a catch position as a result of the inertia exerted on the centre of gravity (16) thereof, when the coupling element (3) strikes the stop (12), comprises a working surface (22) extending in the pivoting direction (23) to form a momentary working connection with the counter piece (14). A retaining spring (32) is additionally provided on the catch element (13) to guarantee that a rebounding of the coupling element (3) into the position corresponding to the closed state of the breaker contact arrangement does not occur.

IPC 8 full level
H01H 71/12 (2006.01); **H01H 71/50** (2006.01)

CPC (source: EP US)
H01H 71/504 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 0243096 A1 20020530; CN 1214432 C 20050810; CN 1476622 A 20040218; DE 10060195 C1 20020725; DE 50113670 D1 20080410; EP 1336186 A1 20030820; EP 1336186 B1 20080227; HK 1059146 A1 20040618; JP 2004515036 A 20040520; US 2004134764 A1 20040715; US 6831240 B2 20041214

DOCDB simple family (application)
DE 0104421 W 20011120; CN 01819403 A 20011120; DE 10060195 A 20001124; DE 50113670 T 20011120; EP 01997826 A 20011120; HK 04102072 A 20040322; JP 2002544744 A 20011120; US 43264303 A 20030523