

Title (en)

Circuit breaker with several interruptor tubes arranged in parallel with shared transmission and reduced longitudinal bulk

Title (de)

Trennschalter mit mehreren, parallel angeordneten Trennkammern mit gemeinsamer Übertragung und reduziertem Platzbedarf in der Länge

Title (fr)

Disjoncteur à plusieurs chambres de coupure agencées en parallèle, à transmission commune et encombrement longitudinal réduit

Publication

**EP 2077570 B1 20110209 (FR)**

Application

**EP 08172521 A 20081222**

Priority

FR 0850007 A 20080102

Abstract (en)

[origin: EP2077570A1] The breaker (D) has a metal tank (1) in which breaker chambers (Ca, Cb, Cc) are arranged parallel to each other. A mechanical transmission assembly, by which simultaneous transmission of movement and identical path length between main contact (2a) and arcing contacts (4a) of the chambers are realized, comprises two bars (7a, 7b, 7c) with identical lengths, where the bars are coupled with the contacts of one of the chambers. The assembly has a drive unit coupled to the bars and coupled to a drive rod (9) at outside of the tank or extending through a side (10) of the breaker. An independent claim is also included for a method of mounting a circuit breaker.

IPC 8 full level

**H01H 33/66** (2006.01)

CPC (source: EP US)

**H01H 33/666** (2013.01 - EP US); **H01H 33/12** (2013.01 - EP US); **H01H 2033/6667** (2013.01 - EP US); **H01H 2033/6668** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2077570 A1 20090708**; **EP 2077570 B1 20110209**; AT E498194 T1 20110215; CN 101477913 A 20090708; CN 101477913 B 20130220; DE 602008004880 D1 20110324; FR 2925976 A1 20090703; FR 2925976 B1 20100129; JP 2009165344 A 20090723; JP 5583350 B2 20140903; US 2009166333 A1 20090702; US 8044317 B2 20111025

DOCDB simple family (application)

**EP 08172521 A 20081222**; AT 08172521 T 20081222; CN 200810246392 A 20081231; DE 602008004880 T 20081222; FR 0850007 A 20080102; JP 2009000375 A 20090105; US 34787708 A 20081231