

Title (en)
Transmission for a high-voltage circuit breaker

Title (de)
Getriebe für elektrischen Leistungsschalter

Title (fr)
Transmission pour un disjoncteur à haute tension

Publication
EP 1930930 B1 20130828 (DE)

Application
EP 06405508 A 20061206

Priority
EP 06405508 A 20061206

Abstract (en)
[origin: EP1930930A1] The electrical circuit breaker has two switching parts (10,20) with two contacts, a drive for moving the former switching part along a switching axis (3), and a gear (2) for transferring the motion of the former switching part to a motion of the latter switching part. The gear has lever (30), which is hinged with a swivel point (31) at the former switching part. The lever is hinged with a prismatic joint (35) at the rotating element (50). The prismatic joint defines a firm angular relation between the lever and the rotating element. An independent claim is also included for a method for a contact opening of the electrical circuit breaker.

IPC 8 full level
H01H 33/90 (2006.01); **H01H 33/42** (2006.01)

CPC (source: EP US)
H01H 33/904 (2013.01 - EP US); **H01H 33/42** (2013.01 - EP US); **H01H 2033/028** (2013.01 - EP US)

Cited by
EP2343720A1; US9627155B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1930930 A1 20080611; EP 1930930 B1 20130828; CN 101548351 A 20090930; CN 101548351 B 20130306; US 2009266795 A1 20091029; US 7932476 B2 20110426; WO 2008068135 A1 20080612

DOCDB simple family (application)
EP 06405508 A 20061206; CN 200780045136 A 20071119; EP 2007062479 W 20071119; US 47929909 A 20090605