

Title (en)  
Drive kinematics for a hybrid circuit breaker

Title (de)  
Antriebskinematik eines Schutzschalters

Title (fr)  
Cinématique d'entraînement dans un disjoncteur hybride

Publication  
**EP 1653491 A3 20070815 (FR)**

Application  
**EP 05109957 A 20051025**

Priority  
FR 0452457 A 20041027

Abstract (en)  
[origin: EP1653491A2] The breaker has interrupters (10, 20) comprising pairs of contacts (11, 12, 21, 22) in which the contacts (12, 22) are displaced along axes (AA', BB') respectively. An actuation unit (30) ensures displacement of the contacts (12, 22) between open and closed positions and opens the pairs of contacts (11, 12, 21, 22). The unit (30) closes again the pair of contacts (21, 22) and maintains the pair of contacts (11, 12) at open.

IPC 8 full level  
**H01H 33/14** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP US)  
**H01H 33/143** (2013.01 - EP US); **H01H 33/6661** (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1653491 A2 20060503; EP 1653491 A3 20070815**; CA 2526344 A1 20060427; CA 2526344 C 20151124; CN 100452271 C 20090114; CN 1797633 A 20060705; FR 2877136 A1 20060428; FR 2877136 B1 20061215; JP 2006128111 A 20060518; JP 5037810 B2 20121003; US 2006091112 A1 20060504; US 7426100 B2 20080916

DOCDB simple family (application)  
**EP 05109957 A 20051025**; CA 2526344 A 20051024; CN 200510116046 A 20051027; FR 0452457 A 20041027; JP 2005311922 A 20051026; US 25500805 A 20051021