

Title (en)

Magnetic actuator with pivoting armature, in particular for a circuit breaker, and circuit breaker with such an actuator

Title (de)

Magnetischer Betätiger mit Klappanker, insbesondere für einen Schutzschalter, und Schutzschalter mit einem solchen Betätiger

Title (fr)

Actionneur magnétique à palette en particulier pour disjoncteur et disjoncteur équipé d'un tel actionneur

Publication

EP 1033736 B1 20060705 (FR)

Application

EP 00410016 A 20000216

Priority

FR 9902839 A 19990302

Abstract (en)

[origin: EP1033736A1] Arm (3) has non-bevelled section at end (d). Length of first arm (7) is smaller than length of base (4). Gap (e) between bevelled sections (a, b) are machined relative to rotational axis (X) so that torque relative to force (F) of pallet (5) on cylinder head (1) is maximum when pallet is open, and decreases when pallet closes.

IPC 8 full level

H01H 71/24 (2006.01); **H01H 50/16** (2006.01)

CPC (source: EP)

H01H 50/163 (2013.01); **H01H 71/2454** (2013.01); **H01H 71/2472** (2013.01)

Cited by

EP1258897A1; FR2972844A1; WO2014094809A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1033736 A1 20000906; **EP 1033736 B1 20060705**; AT E332569 T1 20060715; CN 1181506 C 20041222; CN 1265513 A 20000906; DE 60029152 D1 20060817; DE 60029152 T2 20070531; DK 1033736 T3 20061106; ES 2265899 T3 20070301; FR 2790593 A1 20000908; FR 2790593 B1 20010504; NO 20000754 D0 20000215; NO 20000754 L 20000904; PL 194996 B1 20070731; PL 338665 A1 20000911; PT 1033736 E 20061031

DOCDB simple family (application)

EP 00410016 A 20000216; AT 00410016 T 20000216; CN 00103652 A 20000229; DE 60029152 T 20000216; DK 00410016 T 20000216; ES 00410016 T 20000216; FR 9902839 A 19990302; NO 20000754 A 20000215; PL 33866500 A 20000228; PT 00410016 T 20000216