

Title (en)
Bistable contactor

Title (de)
Bistabiles Schütz

Title (fr)
Contacteur bistable

Publication
EP 1085549 A3 20021016 (DE)

Application
EP 00120024 A 20000914

Priority
DE 29916233 U 19990915

Abstract (en)
[origin: EP1085549A2] The breaker comprises a circuit breaker coil (7,8) with an associated movable armature (23) with contacts (22) for shifting from a first position to a second position. The armature is supported in one of its stable positions by a permanent magnet (17). The permanent magnet is fixed with respect to the coil, while a spring element (28) pre-stresses the armature away from the permanent magnet, in the outer stable position. In the stable position, formed by the permanent magnet, the circuit is made.

IPC 1-7
H01H 51/22

IPC 8 full level
H01H 51/22 (2006.01)

CPC (source: EP US)
H01H 51/2209 (2013.01 - EP US)

Citation (search report)

- [XY] DE 1464867 A1 19690508 - CHAUVIN ARNOUX & CIE
- [DY] DE 19744396 A1 19990415 - HEINRICH KISSLING GMBH & CO KG [DE]
- [X] DE 1800088 B1 19701112 - BASSANI SPA
- [X] FR 1164565 A 19581013 - VICKERS ELECTRICAL CO LTD
- [A] US 5652558 A 19970729 - LEIKUS VINCENT [US], et al
- [A] RICHARD BOLL: "Weichmagnetische Werkstoffe", VACUUMSCHMELZE GMBH, HANAU, DEUTSCHLAND, XP002209110

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)
DE 29916233 U1 20010125; DE 50010274 D1 20050616; EP 1085549 A2 20010321; EP 1085549 A3 20021016; EP 1085549 B1 20050511; US 6538541 B1 20030325

DOCDB simple family (application)
DE 29916233 U 19990915; DE 50010274 T 20000914; EP 00120024 A 20000914; US 66086100 A 20000913