

Title (en)
Bistable contactor

Title (de)
Bistabiles Schütz

Title (fr)
Contacteur bistable

Publication
EP 1085549 B1 20050511 (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)

Designated contracting state (EPC)
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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