

Title (en)
Power circuit breaker

Title (de)
Leitungsschutzschalter

Title (fr)
Disjoncteur de puissance

Publication
EP 1860675 B1 20150422 (DE)

Application
EP 07008639 A 20070427

Priority
DE 102006024249 A 20060523

Abstract (en)
[origin: EP1860675A2] The breaker has a short circuit ring (29) mounted to a magneto armature (12) or at/to a magnetic core (11). The ring is inserted into a ring-shaped groove on an armature front surface (23). Voltage is induced in the ring through a temporal change of a magnetic field. The ring serves to keep the magneto armature and a contact position of the breaker to be opened. The magnetic core is surrounded by a coil pipe (17), which is surrounded by a coil winding (18). The ring is made of an electrically conductive material e.g. copper.

IPC 8 full level
H01H 71/30 (2006.01); **H02H 7/26** (2006.01)

CPC (source: EP)
H01H 71/1081 (2013.01); **H01H 71/30** (2013.01); **H01H 50/46** (2013.01)

Cited by
EP2330611A1; EP2750158A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1860675 A2 20071128; EP 1860675 A3 20090520; EP 1860675 B1 20150422; DE 102006024249 A1 20071129;
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