

Title (en)
PROTECTIVE CIRCUIT-BREAKER OPERATED BY LEAKAGE CURRENT

Publication
EP 0006894 B1 19810603 (DE)

Application
EP 78900088 A 19780818

Priority
LU 78012 A 19770822

Abstract (en)
[origin: WO7900105A1] The lead (8) of a working current is associated to a core (3) of which the magnetic induction flux causes, in case of leakage of current, the operation of a circuit-breaker. In this case, an armature (4) of the breaker drops because of the interference of a permanent magnetic field (11) with a field of the magnetic circuit of the breaker produced by the leakage current. The core (3) is wound with several coils around the lead (8) of the working current; this core is also a part of the magnetic circuit (1) of the breaker.

IPC 1-7
H01H 83/14

IPC 8 full level
H01H 83/02 (2006.01); **H02H 3/33** (2006.01); **H01H 83/14** (2006.01)

CPC (source: EP)
H01H 83/144 (2013.01)

Designated contracting state (EPC)
CH DE FR SE

DOCDB simple family (publication)
WO 7900105 A1 19790308; DE 2860745 D1 19810910; EP 0006894 A1 19800123; EP 0006894 B1 19810603; IT 1098158 B 19850907; IT 7826862 A0 19780821; JP S5453275 A 19790426; LU 78012 A1 19790409

DOCDB simple family (application)
EP 7800012 W 19780818; DE 2860745 T 19780818; EP 78900088 A 19780818; IT 2686278 A 19780821; JP 10224478 A 19780822; LU 78012 A 19770822