

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)

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**H01H 83/144** (2013.01)

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**EP 7800012 W 19780818**; DE 2860745 T 19780818; EP 78900088 A 19780818; IT 2686278 A 19780821; JP 10224478 A 19780822; LU 78012 A 19770822