

Title (en)  
LEAKAGE CIRCUIT BREAKER

Title (de)  
LECK-UNTERBRECHERSCHALTER

Title (fr)  
DISJONCTEUR DE FUITE À LA TERRE

Publication  
**EP 2061061 A4 20100317 (EN)**

Application  
**EP 06791265 A 20061016**

Priority  
• CN 2006002721 W 20061016  
• CN 200620044893 U 20060817

Abstract (en)  
[origin: EP2061061A1] A leakage circuit breaker comprises a housing (1), a breaker tripping mechanism, a bimetal system. The leakage breaker tripping mechanism is comprised of a breaker tripping mechanism and a leakage tripping mechanism, wherein a lever A (10) of the breaker tripping mechanism and a lever B (23) of the leakage tripping mechanism are connected through a lever joint shaft to form double-decked tripping mechanism; a bimetal system, wherein one end of a bimetal piece (15) thereof is connected with one end of a link (14) to form an L-shape, the other end of the link (14) is connected with a latch A (6) of the breaker tripping mechanism. The tripping mechanism has a simple structure. The latch and the jumper are made of the same material, so they don't tend to deform. A conductive piece (17) of the bimetal piece is connected to the wiring plate (19) by a flexible joint block (18), so the displacement of the conductive piece (17) is hardly occurred.

IPC 8 full level  
**H01H 71/52** (2006.01); **H01H 71/16** (2006.01); **H01H 73/22** (2006.01)

CPC (source: EP)  
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Citation (search report)  
[X] GB 2295276 A 19960522 - MATSUSHITA ELECTRIC WORKS LTD [JP]

Cited by  
AU2012373817B2; EP2942799A1; WO2023038556A1

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