

Title (en)  
Combined circuit breaker with neutral line disconnect device

Title (de)  
Kombinierte Schutzschalter und Nulleiter-Trennvorrichtung

Title (fr)  
Combiné disjoncteur et sectionneur de neutre

Publication  
**EP 0552112 B1 19960612 (FR)**

Application  
**EP 93420006 A 19930108**

Priority  
FR 9200334 A 19920113

Abstract (en)  
[origin: EP0552112A1] A combined circuit breaker and neutral line isolator includes a basic unit enclosing a circuit breaker, and an auxiliary unit (14) for housing a neutral line isolator (16). In order to improve the electrical performance of the neutral line isolator (16), the auxiliary unit (14) encloses two pole pieces (74, 76) intended to produce a first effect for shielding the neutral line isolator (16) from the stray electromagnetic field generated in the circuit breaker, and a second effect of magnetic attraction of the neutral contact bridge (52) against the fixed neutral contacts (40, 46). Application: low-voltage networks with isolation of the neutral line. <IMAGE>

IPC 1-7  
**H01H 71/00**; **H01H 1/54**

IPC 8 full level  
**H01H 1/54** (2006.01); **H01H 71/00** (2006.01)

CPC (source: EP)  
**H01H 1/54** (2013.01); **H01H 71/002** (2013.01)

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