

Title (en)  
Electric device with differential protection

Title (de)  
Elektrogerät mit Differentialschutz

Title (fr)  
Dispositif électrique à protection différentielle

Publication  
**EP 2037477 B1 20121212 (FR)**

Application  
**EP 08354048 A 20080701**

Priority  
FR 0706344 A 20070911

Abstract (en)  
[origin: EP2037477A1] The device has a differential protection part (212) including a differential transformer (221) equipped with windings (222, 223). Connecting wires (244, 245) connect the windings to a phase circuit (201) and a neutral circuit (202). A compartment (235) has a wall (241) parallel to lateral surfaces (205, 206) of a case (203) and equipped with bushings (242, 243). The connecting wires pass through a bushing (251) arranged on a partition (213) separating the protection part from a circuit-breaker part (211).

IPC 8 full level  
**H01H 71/02** (2006.01); **H01H 71/00** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP)  
**H01H 71/002** (2013.01); **H01H 71/025** (2013.01); **H01H 83/226** (2013.01)

Cited by  
EP2559048A4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2037477 A1 20090318; EP 2037477 B1 20121212**; BR PI0804085 A2 20090505; BR PI0804085 B1 20200929; CN 101388309 A 20090318; CN 101388309 B 20130116; EG 24765 A 20100803; ES 2398991 T3 20130325; FR 2920911 A1 20090313; FR 2920911 B1 20100219; UA 97636 C2 20120312

DOCDB simple family (application)  
**EP 08354048 A 20080701**; BR PI0804085 A 20080910; CN 200810215385 A 20080911; EG 2008091517 A 20080910; ES 08354048 T 20080701; FR 0706344 A 20070911; UA A200811049 A 20080910