

Title (en)

Differential protection unit with functionally testable sub-assembly

Title (de)

Differentialschutzeinheit mit auf Funktion testbarer Untereinheit

Title (fr)

Bloc de protection différentielle avec sous-ensemble fonctionnel testable

Publication

EP 0611224 B1 19980805 (FR)

Application

EP 94420024 A 19940126

Priority

FR 9301506 A 19930209

Abstract (en)

[origin: EP0611224A1] Differential protection unit which can be associated with a multi-pole circuit breaker in order together to constitute a differential circuit breaker. This unit comprising: a housing consisting of a lower half-housing (14A) and an upper half-housing (14B) capable together of enclosing various active elements of the differential protection unit, these various active elements constituting at least: a set of connections (22); a torus with a coil; and a circuit-breaking control mechanism (34). According to the invention, a chassis is provided on which the said active elements (22, 34) are fixed, together forming a rigid functional subassembly (16); it results therefrom that the said functional subassembly (16) can be connected to the differential circuit breaker so as to be able to carry out a functional test of the functional subassembly (16) while being able to have access to at least some of the said active elements (22, 34). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

CN100446153C; CN100367438C; EP3029705A1; FR2811805A1; EP0926695A1; FR2772979A1; TR199802642A3; EP1033735A1; FR2790610A1; EP1480244A3; US7167349B2; US6175289B1

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