

Title (en)

Device for protecting an oscillating power circuit

Title (de)

Schutzvorrichtung für einen Schwingkreis zur Leistungsübertragung

Title (fr)

Dispositif de protection d'un circuit de puissance oscillant

Publication

EP 1983295 B1 20190130 (FR)

Application

EP 07290482 A 20070419

Priority

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Abstract (en)

[origin: EP1983295A1] The device (1) has a disconnection unit (2) interposed between an alternating current supply network (R) e.g. vehicle network, and a power circuit (4). The unit is formed of solid-state switch e.g. thyristor. A measuring and analyzing unit (8) measures and analyzes current supplied to the power circuit. The unit detects appearance of direct current and is connected to a triggering unit (9) i.e. electronic control unit, ensuring opening of the disconnection unit when the alternating current disappears. The triggering unit triggers the switch.

IPC 8 full level

F41H 11/136 (2011.01); **B63G 7/06** (2006.01); **F41H 11/12** (2011.01); **F41H 11/16** (2011.01); **H01F 7/18** (2006.01)

CPC (source: EP)

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