

Title (en)

PRIMARY ELECTRIC CIRCUIT INTERRUPTING DEVICE, IN PARTICULAR FOR ELECTRIC VEHICLES

Title (de)

ELEKTRISCHER SCHALTEINRICHTUNG, INSBESONDERE FÜR ELEKTRISCHE FAHRZEUGE

Title (fr)

DISPOSITIF INTERRUPTEUR ÉLECTRIQUE, EN PARTICULIER POUR VÉHICULES ÉLECTRIQUES

Publication

**EP 3172756 A1 20170531 (EN)**

Application

**EP 14835724 A 20141205**

Priority

- SI 201400266 A 20140721
- SI 2014000073 W 20141205

Abstract (en)

[origin: WO2016013988A1] A primary electric circuit interrupting device, in particular for electric vehicles, provides that a fuse (3', 3'') comprising a melting member (3 Γ, 31'') and a varistor (32', 32'') is integrated within each of two electric conductors (21, 22), by means of which each driving unit (1) is connected with each electric energy source (2). Each varistor (32', 32'') in each fuse (3', 3'') is arranged in electric contact and simultaneously also in a heat-conductive contact with each belonging melting member (3 Γ, 31''), and moreover, each varistor (32', 32'') is electrically connected with a switch (4) intended for establishing or interrupting the electric interconnection between both varistors (32', 32'') of said fuses (3', 3'').

IPC 8 full level

**H01H 85/04** (2006.01)

CPC (source: EP)

**H01H 85/04** (2013.01); **H01H 2085/0486** (2013.01)

Citation (search report)

See references of WO 2016013988A1

Cited by

FR3113765A1; WO2022043399A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016013988 A1 20160128**; EP 3172756 A1 20170531; EP 3172756 B1 20200826; SI 24775 A 20160129; SI 24775 B 20201130

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**SI 2014000073 W 20141205**; EP 14835724 A 20141205; SI 201400266 A 20140721