

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 B1 20200826 (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)

Cited by

FR3113765A1; WO2022043399A1

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