Title (en)

HYBRIDISATION SYSTEM FOR HIGH VOLTAGE DIRECT CURRENT

Title (de)

HYBRIDISIERUNGSYSTEM FÜR HOCHSPANNUNGSGLEICHSTROM

Title (fr)

SYSTÈME D'HYBRIDATION POUR COURANT CONTINU HAUTE TENSION

Publication

EP 3437115 A1 20190206 (FR)

Application

EP 18728688 A 20180503

Priority

- FR 1754754 A 20170530
- FR 2018051114 W 20180503

Abstract (en)

[origin: WO2018220307A1] The present invention relates to a hybridization system (5) for an electrical device having two terminals (A, B) and two states, a closed state allowing an electric current to circulate between the two terminals and an open state blocking the circulation of the electric current between the terminals, the device being adapted so that an electric arc is generated during the transition from the closed state to the open state. The hybridization system comprises: two conductors connected to the two terminals (A, B) of the electrical device, a time-delay switch (12) having two terminals connected to the two conductors and said time-delay switch being adapted to be in open mode by default and, after a first predetermined duration d1 following the triggering of the electric arc, to transition to closed mode during a second predetermined duration d2. The hybridization system further comprises an electric power supply (11) for the time-delay switch that is connected to the two conductors and is adapted so that the power only originates from the electric power supplied by the electric arc.

IPC 8 full level

H01H 9/54 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2018220307A1

Cited by

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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 2018220307 A1 20181206; BR 112019022678 A2 20200519; CA 3060084 A1 20181206; EP 3437115 A1 20190206; EP 3437115 B1 20190904; ES 2755358 T3 20200422; FR 3067165 A1 20181207; US 11081297 B2 20210803; US 2018350533 A1 20181206

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