

Title (en)
HYBRIDISATION SYSTEM FOR HIGH VOLTAGE DIRECT CURRENT

Title (de)
HYBRIDISIERUNGSSYSTEM FÜR HOCHSPANNUNGSGLEICHSTROM

Title (fr)
SYSTÈME D'HYBRIDATION POUR COURANT CONTINU HAUTE TENSION

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Application
EP 18728688 A 20180503

Priority

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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.

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