

Title (en)

ELECTRIC GRID AND METHOD FOR OPERATING AN ELECTRIC GRID

Title (de)

ELEKTRISCHES NETZWERK UND VERFAHREN ZUM BETREIBEN EINES ELEKTRISCHEN NETZWERKS

Title (fr)

RÉSEAU ÉLECTRIQUE ET PROCÉDÉ D'EXPLOITATION D'UN RÉSEAU ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2020200492A1] The invention relates to a device (100) for opening or closing a DC circuit with at least one busbar (200), comprising:
- an electric switch (110) for opening or closing the DC circuit, - a fault current detector (120), - a trigger unit (130), and - a precharging device (140), wherein the electric switch (110) opens the DC circuit by means of the trigger unit (130) if a fault current is detected by the fault current detector (120), and the precharging device (140) restores the voltage on the busbar (200) prior to closing the electric switch (110), said device (100) comprising a control unit (150) for automatically closing the electric switch (110) after the pre-charging process.

IPC 8 full level

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