

Title (en)

ARRANGEMENT HAVING A DC TRANSMISSION LINK OR DC TRANSMISSION GRID AND METHOD FOR THE OPERATION THEREOF

Title (de)

ANORDNUNG MIT GLEICHSTROMÜBERTRAGUNGSSTRECKE ODER GLEICHSTROMÜBERTRAGUNGSNETZ SOWIE VERFAHREN ZU DEREN BETRIEB

Title (fr)

SYSTÈME COMPRENANT UNE LIAISON DE TRANSMISSION DE COURANT CONTINU OU UNE GRILLE DE TRANSMISSION DE COURANT CONTINU ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022048763A1] The invention relates inter alia to a method for operating an arrangement having at least one DC transmission link (10) or at least one DC transmission grid to which at least two converters (20, 30) each having an AC voltage side and a DC voltage side are connected. The invention makes provision for a grid stabilization device (40) to be connected directly or indirectly to the AC voltage side (31) of one of the converters, subsequently referred to as near converter (30), said grid stabilization device having for the purpose of grid stabilization an energy store (C) for the buffer storage of energy and/or an energy consumer (R) for the consumption of electrical energy, and the grid stabilization device (40) is isolated on the grid side from at least one other of the at least two converters, subsequently referred to as remote converter (20), by way of the near converter (30), and the grid stabilization device (40) is actuated by at least one control signal (ST) that is produced and transmitted to the grid stabilization device (40) by the near or the remote converter (30, 20).

IPC 8 full level

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Citation (search report)

See references of WO 2022048763A1

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