

Title (en)
RECTIFIER STAGE FOR A SUBSEA POWER GRID

Title (de)
GLEICHRICHTERSTUFE FÜR EIN UNTERWASSER-STROMGITTER

Title (fr)
ÉTAGE DE RECTIFICATION POUR RÉSEAU ÉLECTRIQUE SOUS-MARIN

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Application
EP 12725704 A 20120530

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Abstract (en)
[origin: EP2538539A1] It is described a rectifier stage (451) for converting an input AC voltage to an output voltage, the rectifier stage comprising: a first AC input terminal (455); a second AC input terminal (457), wherein the input AC voltage is applicable between the first input terminal and the second input terminal; a first DC output terminal (467); a second DC output terminal (468); a first thyristor (461) connected between the first DC output terminal (467) and the first AC input terminal (455); a second thyristor (463) connected between the first DC output terminal (467) and the second AC input terminal (457); a gate control circuit (472) adapted and connected to control a first conductance state of the first thyristor (461) and to control a second conductance state of the second thyristor (463) such that the first thyristor and the second thyristor provide a rectified AC voltage between the first DC output terminal (467) and the second DC output terminal (468) as the output voltage.

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