

Title (en)

APPARATUS AND METHOD FOR ACTIVE GENERATION AND APPLICATION OF REACTIVE POWER IN INDUCTIVE TRANSMISSION SYSTEMS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AKTIVEN ERZEUGUNG UND EINPRÄGUNG VON BLINDLEISTUNG IN INDUKTIVE ÜBERTRAGUNGSSYSTEM

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR GÉNÉRER ET INJECTER ACTIVEMENT DE LA PUISSANCE RÉACTIVE DANS UN SYSTÈME DE TRANSMISSION INDUCTIF

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Application

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Abstract (en)

[origin: WO2018233766A1] The invention relates to apparatus (3) and a method for the active generation and application of reactive power in an inductive transmission system (12), the apparatus comprising at least one device (1) for the active generation of reactive power. The reactive power can be actively generated by a power electronics actuator comprising at least one power electronics circuit (1.1) and an intermediate electric energy store (1.2). The apparatus also comprises a device (2) for coupling in reactive power and the reactive power generated by the device (1) can be coupled into the inductive transmission system (12) by means of a capacitor.

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