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(54) PASSIVE REACTIVE COMPENSATION FOR A WIND POWER PLANT

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(57)**ABSTRACT**

A method of transmitting reactive power between at least one wind turbine and a power system through a transformer connected between the at least one wind turbine and the power system, the wind turbine including a power converter. The method includes a second step of connecting at least one passive device to the transformer and reducing or increasing a reactive power of the power converter of an amount corresponding to the reactive contribution from the passive device.

