Title (en)

METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRICAL SUPPLY NETWORK

Title (de)

VERFAHREN ZUM EINSPEISEN ELEKTRISCHER LEISTUNG IN EIN ELEKTRISCHES VERSORGUNGSNETZ

Title (fr)

PROCÉDÉ POUR INJECTER UNE PUISSANCE ÉLECTRIQUE DANS UN RÉSEAU D'ALIMENTATION ÉLECTRIQUE

Publication

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Application

EP 19736707 A 20190705

Priority

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Abstract (en)

[origin: WO2020008033A1] The invention relates to a method for feeding electrical power (PWEA) into an electrical supply network by means of at least one wind turbine (100) having a power controller (150) and a generator, the method comprising the steps: creating an electrical power gradient (dPA_elek/dt) for an electrical power (PA_elek) to be generated by the wind turbine (100), wherein the power gradient (dPA_elek/dt) at least: is limited by means of a stabilisation operator (V) or is created by means of a prediction operator (P) such that the electrical power gradient (dPA_elek/dt) is unequal to a predicted wind power gradient (dPW/dt); setting the created electrical power gradient (dPA_elek/dt) in the power controller (180) of the wind turbine (100); generating an electrical power (PA_elek) by means of the wind turbine (100) on the basis of the created electrical power gradient (dPA_elek/dt) for a feed-in period ([tE1; tE2]) with a feed-in time (ΔtE).

IPC 8 full level

H02J 3/38 (2006.01); **H02J 3/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020008033A1

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