

Title (en)
METHOD FOR THE COMPENSATION OF CURRENTS TO BE FED IN FROM A WIND PARK

Title (de)
VERFAHREN ZUR KOMPENSATION VON EINZUSPEISENDEN STRÖMEN EINES WINDPARKS

Title (fr)
PROCÉDÉ DE COMPENSATION DE COURANTS À FOURNIR D'UN PARC ÉOLIEN

Publication
EP 3453096 A1 20190313 (DE)

Application
EP 17721684 A 20170505

Priority
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Abstract (en)
[origin: CA3021965A1] The invention relates to a wind park for feeding a total electric current into an electric supply network at a network connection point, wherein the wind park has at least one wind energy plant which is constructed as a compensation wind energy plant, and has an active compensation unit in order to generate a compensatory partial current having a modulated-on compensation component, wherein the compensation component is modulated on by the active compensation unit, and has at least one further wind energy plant which, as a compensation-free wind energy plant, is configured to generate a non-compensated partial current without modulated-on compensation component, wherein the compensatory partial current or the compensatory partial currents and the non-compensatory partial current or the non-compensatory partial currents are superimposed onto the total electric current to be fed in in a park network that connects the wind energy plants, and the compensatory partial current or the compensatory partial currents are generated in such a way that the total currents to be fed in at a reference point in the park network, in a section between park network and network connection point or in the electric supply network, influences a reference current that occurs or a reference voltage that occurs, in order to achieve a predefined current form for this reference current or a predefined voltage form for this reference voltage.

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