

Title (en)
DISTRIBUTED CONTROL OF DYNAMIC REACTIVE POWER

Title (de)
VERTEILTE STEUERUNG EINER DYNAMISCHEN REAKTIONSLAISTUNG

Title (fr)
COMMANDE RÉPARTIE DE LA PUISSANCE RÉACTIVE DYNAMIQUE

Publication
EP 2684105 A1 20140115 (EN)

Application
EP 12754274 A 20120309

Priority

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Abstract (en)
[origin: WO2012122454A1] The invention discloses a system and a method for controlling dynamic reactive power in an electric power system by providing distributed VAR compensator. The VAR compensator may include a voltage sensor for sensing an instantaneous value of a grid voltage. The VAR compensator may further include a reactive power compensator and a controller configured to operate the reactive power compensator. The controller may further be configured to determine an amount of reactive power to be provided to the electric power system based on the sensed grid voltage and a droop profile.

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Citation (search report)
See references of WO 2012122454A1

Cited by
CN106932648A; CN107248752A

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