

Title (en)
LOW VOLTAGE RIDE THROUGH

Title (de)
NIEDERSPANNUNGS-DURCHSPEISUNG

Title (fr)
MAINTIEN D'ALIMENTATION EN CAS DE SOUS-TENSION

Publication
EP 2311165 A1 20110420 (EN)

Application
EP 08781252 A 20080702

Priority
US 2008068949 W 20080702

Abstract (en)
[origin: WO2010002402A1] A system for connecting a wind turbine generator to a utility power network includes a first power converter that converts an AC signal from the wind turbine generator to a DC signal and supplies a controlled amount of reactive current to the wind turbine generator. The system also includes a second power converter, connected in series with the first converter, which converts the DC signal from the first power converter to a line-side AC signal and supplies a controlled amount of current to the utility power network. A power dissipation element is coupled to the first and second power converters for dissipating power from the first power converter.

IPC 8 full level
H02J 3/38 (2006.01); **H02J 3/18** (2006.01)

CPC (source: EP KR US)
H02J 3/18 (2013.01 - KR); **H02J 3/1842** (2013.01 - EP US); **H02J 3/38** (2013.01 - KR); **H02J 3/381** (2013.01 - EP US);
H02J 3/44 (2013.01 - EP US); **H02J 2300/28** (2020.01 - EP US); **Y02E 10/76** (2013.01 - EP); **Y02E 40/20** (2013.01 - EP)

Citation (search report)
See references of WO 2010002402A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2010002402 A1 20100107; AU 2008358896 A1 20100107; CA 2728849 A1 20100107; EP 2311165 A1 20110420;
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