

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 3/18** (2006.01); **H02J 3/38** (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)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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;  
KR 20110026500 A 20110315

DOCDB simple family (application)  
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