

Title (en)

Wind energy system with a converter and at least one high performance resistor

Title (de)

Windenergieanlage mit einem Umrichter und wenigstens einem Hochleistungswiderstand

Title (fr)

Eolienne dotée d'un onduleur et d'au moins une résistance haute tension

Publication

EP 2270821 A3 20120815 (DE)

Application

EP 10185934 A 20050708

Priority

- EP 05770177 A 20050708
- DE 102004033680 A 20040709

Abstract (en)

[origin: WO2006005542A1] The invention relates to a high performance resistor comprising several electrical resistor elements (10, 11) which are serially connected to a first and to a second side (10a, 10b; 11a, 11b) and to a first and to a second end (10c, 10d; 11c, 11d). A first connection (16a) is provided on the first end (10c, 11c) and a second connection (16b) is provided on the second end (10d; 11d) in order to connect the resistor elements (10, 11). The first and the second connection (16a, 16b) comprises an inner section and an outer section, whereby the inner section of the first connection (16a) is curved at a predetermined angle in relation to the first side (10a, 11a) of the resistor element (10, 11) and the outer section of the first connection (16a) is arranged on a plane which is essentially parallel to the plane of the resistor element (10, 11). The inner section of the second connection (16b) is curved at a predetermined angle in relation to the second side (10b, 11b) of the resistor element (10, 11) and the outer section of the second connection (16b) is arranged on a plane which is arranged in an essentially parallel manner on the plane of the resistor element (10, 11).

IPC 8 full level

H01C 3/10 (2006.01); **F03D 7/00** (2006.01); **H01C 1/16** (2006.01)

CPC (source: EP KR US)

H01C 1/16 (2013.01 - EP US); **H01C 3/10** (2013.01 - EP KR US)

Citation (search report)

- [Y] DE 10206828 A1 20030814 - FEDDERSEN LORENZ [DE]
- [Y] US 5159310 A 19921027 - CUMMINS ROBERT [US], et al
- [Y] US 5304978 A 19940419 - CUMMINS ROBERT [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004033680 A1 20060126; DE 102004033680 B4 20090312; AR 049971 A1 20060920; AU 2005261893 A1 20060119; AU 2005261893 B2 20091001; BR PI0513031 A 20080422; CA 2571524 A1 20060119; CA 2571524 C 20091110; CN 1981350 A 20070613; CN 1981350 B 20110420; CY 1114779 T1 20161214; DK 1769514 T3 20170102; DK 2270821 T3 20131209; EP 1769514 A1 20070404; EP 1769514 B1 20160921; EP 2270821 A2 20110105; EP 2270821 A3 20120815; EP 2270821 B1 20131127; ES 2442591 T3 20140212; ES 2605408 T3 20170314; HU E032382 T2 20170928; JP 2008504702 A 20080214; JP 4550114 B2 20100922; KR 100848040 B1 20080723; KR 20070029286 A 20070313; NZ 552448 A 20090828; PL 1769514 T3 20170531; PL 2270821 T3 20140430; PT 1769514 T 20161230; PT 2270821 E 20131227; SI 2270821 T1 20140228; US 2008191836 A1 20080814; US 7932808 B2 20110426; WO 2006005542 A1 20060119

DOCDB simple family (application)

DE 102004033680 A 20040709; AR P050102835 A 20050708; AU 2005261893 A 20050708; BR PI0513031 A 20050708; CA 2571524 A 20050708; CN 200580022829 A 20050708; CY 141100059 T 20140124; DK 05770177 T 20050708; DK 10185934 T 20050708; EP 05770177 A 20050708; EP 10185934 A 20050708; EP 2005007419 W 20050708; ES 05770177 T 20050708; ES 10185934 T 20050708; HU E05770177 A 20050708; JP 2007518559 A 20050708; KR 20077002836 A 20070205; NZ 55244805 A 20050708; PL 05770177 T 20050708; PL 10185934 T 20050708; PT 05770177 T 20050708; PT 10185934 T 20050708; SI 200531815 T 20050708; US 63210105 A 20050708