

Title (en)
MAGNET RING OF A MULTI-POLE GENERATOR FOR A WIND TURBINE

Title (de)
MAGNETRING EINES VIELPOLIGEN GENERATORS EINER WINDENERGIEANLAGE

Title (fr)
ANNEAU MAGNÉTIQUE & xA;

Publication
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Application
EP 09755908 A 20091119

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Abstract (en)
[origin: WO2010083905A2] The aim of the invention is to allow an external or internal rotor of a wind turbine generator to be easily and favorably equipped with a plurality of closely arranged individual permanent magnets in a magnet system (1) of a multi-pole generator, especially for a wind turbine, said generator comprising a magnet ring (2, 2', 2a' - 2c', 2a - 2j) that includes a support (5), on the outer or inner circumference of which individual permanent magnets (4, 4') are arranged in a row, the direction of the polarity of said magnets (4, 4') being regularly reversed. Said aim is achieved by providing the surface of the outer or inner circumference of the support (5) with receiving elements (12), within or on each of which a clamp-type holding element (6) is disposed, wherein two holding elements (6) that are disposed at a distance from each other retain and/or fix an individual permanent magnet (4, 4') on and/or to the support (5) between the two holding elements (6).

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F03D 9/00 (2006.01)

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Citation (search report)
See references of WO 2010083905A2

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US 2002067092 A1 20020606 - CRAPO ALAN D [US], et al

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