

Title (en)
WIND TURBINE WITH AN ARTICULATED MAST

Title (de)
WINDKRAFTANLAGE MIT EINEM BEWEGLICHEN MAST

Title (fr)
EOLIENNE MUNIE D'UN MAT ARTICULE

Publication
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Application
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Abstract (en)
[origin: WO2007141414A1] The invention provides a wind power machine comprising a mast that is articulated so as to adopt an upright position above a foundation anchored into the ground and a folded-up position close to the ground. The mast is made up of substantially straight parts articulated together so as to pivot in order to bring the mast into the upright position or into the folded-up position. The wind power machine furthermore includes a locking device placed at at least one of the articulations between two of these parts in order to lock the mast in the upright position. The locking device (14) comprises: a radially movable clamping ring (1400), placed at the end of one of the two parts of said articulation (56) inside the mast; and actuation means (1401, 1403, 1405) that are capable of moving the clamping ring (1400) radially so as to produce an intimate male/female-type connection between the two parts of the articulation.

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