

Title (en)
TOWER FOR A WIND TURBINE

Title (de)
TURM FÜR EINE WINDTURBINE

Title (fr)
MÂT POUR ÉOLIENNE

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Application
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Abstract (en)
[origin: WO2011151465A2] The invention relates to a tower for a wind turbine and to a cable guide for a tower of a wind turbine, wherein a machine housing for the wind turbine is arranged on the tower such that it can rotate by means of the azimuth bearing about a vertical axis which runs in the longitudinal direction of the tower. Current-carrying cables, such as power cables, are routed in the tower of the wind turbine out of the machine housing from electrical components to the ground. These comprise a multiplicity of cables, for example a plurality of cables for electrically carrying individual phases of alternating current, in particular three-phase alternating current, cables for ground conductors and/or signal and control cables. One object of the invention is to specify improved routing of the cables which, inter alia, avoids the disadvantages of the prior art. One particular aim is to ensure that the current load capacity of the cables is ensured, and/or that wear between the cables is reduced. According to the invention, the object is achieved by the features of the main claim 1, by the tower having at least two looming apparatuses, which are suitable for joining the individual cables which run longitudinally in the tower together to form a cable loom with the cables fixed with respect to one another. The looming apparatuses are attached to the cables between an upper and a lower area of the cable loom. In this case, geometric configuration of the looming apparatus ensures that a specific minimum separation at least between three cables is not undershot.

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