

WE CLAIM:

1. A wind power installation comprising
a pylon (102) which has a plurality of pylon segments, wherein at least one pylon segment of the plurality of the pylon segments is made up from a plurality of pylon segment parts (10a),
wherein the pylon segment parts (10a) can be fixed together by way of screw connections,
at least one guide cable (4) extending at least partially along the length of the pylon and inside the pylon (102), and
a working platform (1) which can be fixed to the guide cable (4) for guidance and which can be moved upwardly and downwardly by way of a travel cable (3) inside the pylon (102), in order to check the screw connections of adjacent pylon segment parts (10a).
2. A wind power installation according to claim 1 wherein the working platform (1) has a counterweight (5) fixed to the travel cable (3).
3. A wind power installation according to one of claims 1 and 2 wherein the working platform (1) is supplied with power by way of a voltage cable (6).
4. A wind power installation according to claim 1, claim 2 or claim 3 wherein the pylon segment parts (10a) have abutting surfaces which extend in a longitudinal direction of the pylon.
5. A wind power installation according to one of claims 1 to 4 wherein the at least one guide cable (4) extends in the region of the screw connections of the pylon segment parts.
6. A wind power installation pylon comprising
a plurality of pylon segments, wherein at least one pylon segment of the plurality of the pylon segments is made up from a plurality of pylon segment parts (10a),
wherein the pylon segment parts (10a) are fixed together by way of screw connections,
at least one guide cable (4) extending at least partially along the length of the pylon and inside the pylon (102), and

a working platform (1) which can be fixed to the guide cable (4) and which can be moved upwardly and downwardly by way of a travel cable (3) inside the pylon (102), in order to check the screw connections of adjacent pylon segment parts (10a).

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