

Title (en)
WINDMILL

Title (de)
WINDKRAFTANLAGE

Title (fr)
EOLIENNE

Publication
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Application
EP 94915318 A 19940503

Priority
• SE 9400404 W 19940503
• SE 9301525 A 19930503

Abstract (en)
[origin: WO9425750A1] Windmill with turbine with vertical central shaft and wings parallel or near parallel to said shaft conditionally rotatable around their own shaft, which wind turbine is composed of several part turbines arranged on the top of each other with suitably identical design, the central shafts (1.2) of which are connected with couplings (1.3), which partly centre the central shafts in relation to each other, partly are so designed that generated torque is transferred from turbine to turbine even if small angle differences exist between the centre lines of the central shafts, wherein the central shafts of the part turbines (1.2) have a supporting bearing in one end, which suitably is integrated with the coupling half of this end and which is held in position in the horizontal plane by at least three preferably symmetrically distributed preferably prestressed horizontal stay wires (1.4) extending to supporting masts (1.5), preferably guyed at the same level, located at a distance from the central shaft of the wind turbine, which suitably exceeds twice the part turbine radius.

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F03D 3/02; **F03D 7/06**

IPC 8 full level
F03D 3/06 (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 9425750A1

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