

Title (en)
CONSTRUCTION FOR THE ARRANGEMENT OF A WIND TURBINE

Title (de)
BAUWERK FÜR DIE ANORDNUNG EINER WINDKRAFTANLAGE

Title (fr)
OUVRAGE POUR LE MONTAGE D'UNE ÉOLIENNE

Publication
EP 2513471 A2 20121024 (DE)

Application
EP 10798712 A 20101216

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• AT 2010000483 W 20101216

Abstract (en)
[origin: WO2011079334A2] The invention relates to a construction (1) for the arrangement of a wind turbine (2), comprising a building (3), a roof (4) arranged on the building (3), and a wind tunnel (5), in which the wind turbine (2) is arranged, wherein the wind tunnel (5) is formed substantially by the roof (4) and is delimited by at least two opposite openings (6, 7), and the roof (4) is designed to convert turbulent wind flows into laminar wind flows. In order to create such a construction (1), by means of which the air flow close to the ground can be optimally utilized to drive a wind turbine (2) and which is designed as simply and cost-effectively as possible, devices for supporting the conversion of turbulent wind flows into laminar wind flows are provided, said devices being formed by fins (8) and arranged in the roof (4) in the area of at least one of the openings (6, 7), wherein the fins (8) can be adjusted, and furthermore a device (9) for rotating the wind turbine (2) is provided.

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Citation (search report)
See references of WO 2011079334A2

Cited by
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