

Title (en)

A YAW SYSTEM FOR A MULTIPLE ROTOR WIND TURBINE

Title (de)

GIERSYSTEM FÜR EINE MEHRROTORIGE WINDTURBINE

Title (fr)

SYSTÈME DE LACET POUR TURBINE ÉOLIENNE À ROTORS MULTIPLES

Publication

**EP 4118324 A1 20230118 (EN)**

Application

**EP 21714310 A 20210312**

Priority

- DK PA202070169 A 20200313
- DK 2021050081 W 20210312

Abstract (en)

[origin: WO2021180291A1] A multirotor (MR) wind turbine (1) comprising a plurality of energy generating units (5) attached to a load carrying structure (3) carried by a tower via a main yaw assembly. The energy generating units (5) are attached to the load carrying structure via a local yaw assembly which allows yawing of the energy generating unit relative to the load carrying structure. To allow individual orientation of each energy generating unit, the MR wind turbine is configured to define an operational angle of each energy generating unit relative to an prevailing wind direction. This operational angle corresponds to a normal operational situation where the energy generating unit converts wind energy. The MR wind turbine is further configured to yaw each energy generating units to and from the operational angle individually by use of the local yaw assembly.

IPC 8 full level

**F03D 1/02** (2006.01); **F03D 7/02** (2006.01); **F03D 17/00** (2016.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2021180291A1

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (application)

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