

Title (en)

WIND TURBINE

Title (de)

MANTELWINDTURBINE

Title (fr)

TURBINE EOLIENNE A ENVELOPPE

Publication

**EP 1702159 A1 20060920 (DE)**

Application

**EP 03789068 A 20031121**

Priority

EP 0313088 W 20031121

Abstract (en)

[origin: WO2005052363A1] The invention relates to a wind farm (1) comprising a device (10), which is used to convert wind kinetic energy into mechanical energy, and a device which is used to convert the produced mechanical energy into electric energy. Said wind farm is characterised in that it comprises a wind channel (9) provided with a first cross-sectional area, wherein the device (10) which is used to convert wind energy into mechanical energy is arranged, and a wind stream bundle device (8) which comprises an inlet (5) provided with a second larger cross-sectional area compared to the first, and which can guide a wind stream which enters into the inlet (5), without turbulence as a laminar flow in the wind channel (9).

IPC 8 full level

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Citation (search report)

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