

Title (en)
WIND POWER SITE

Title (de)
WINDENERGIEPARK

Title (fr)
CENTRE D'ENERGIE EOLIENNE

Publication
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Application
EP 97925849 A 19970520

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Abstract (en)
[origin: WO9745908A1] The invention concerns a wind power site (2) which comprises at least two wind power plants (4) and a line-side power converter station (46), each wind power plant (4) comprising a rotor (6), a generator (24), a rectifier (30), a smoothing choke (36) and an output-regulating arrangement (62). The line-side power converter station (46) comprises a smoothing choke (48), a power inverter (50), a matching transformer (52), a filter (28) and a regulating arrangement (102), the wind power plants (4) being electrically connected in parallel on the direct current side, and the line-side power converter station (46) being electrically connected in series on the direct current side to the wind power plants (4) connected in parallel on the direct current side. In this way, a wind power site (2) is obtained whose entire available wind power output can be transferred into a regional supply network.

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