Claims

1. A wind power station comprising at least one support frame with a shaft fixed on it, which is able to rotate around a vertical axis and is functionally connected with a power generator and a blade system fixed on the shaft,

wherein the support frame is configured to be ~~positioned~~ fixed between at least three radially positioned buildings ~~and fixed to them~~ and the wind power station is equipped with a fairing which is fixed on the support frame,

and wherein one blade of the said blade system has a surface area of 20-1000 m2.

~~2. The wind power station according to claim 1, wherein one blade of the said blade system is 20 1000 m2.~~

2~~3~~. The wind power station according to claim 1, wherein it comprises additional blade systems positioned on the said shaft one over another.

3~~4~~. A support frame for a wind power station, the support frame being configured for a shaft to be fixed thereon, the shaft being configured: to rotate around a vertical axis; to be functionally connected with a power generator; and for a blade system to be fixed on the shaft,~~;~~

wherein the support frame is configured to be fixed ~~positioned~~ between at least three radially positioned buildings ~~and fixed to them. ,~~ and wherein the support frame is equipped with a fairing fixed on the support frame.