

Official Grant of Another Flower Turbines Patent

Official Grant of Another Flower Turbines Patent in Wind Turbine Electronics

LUBBOCK, TEXAS, UNITED STATES, February 14, 2024 /EINPresswire.com/ -- As part of a series of electronics patents that enable [Flower Turbines](#) to bolster turbine efficiency and the bouquet effect (each turbine helping the others perform better), Flower Turbines just received the official grant and certificate for the patent entitled DUAL CHANNEL CONTROLLER FOR APPLYING MPPT TO AN ARRAY OF TURBINES.

Flower Turbines believes that the bouquet effect is one of the most important drivers of future success. It is in the category of a disruptive innovation--a new [technology](#) that changes the marketing of small wind turbines from single unit sales to large arrays. This patent helps apply the concept called MPPT to a group of turbines instead of a single turbine.

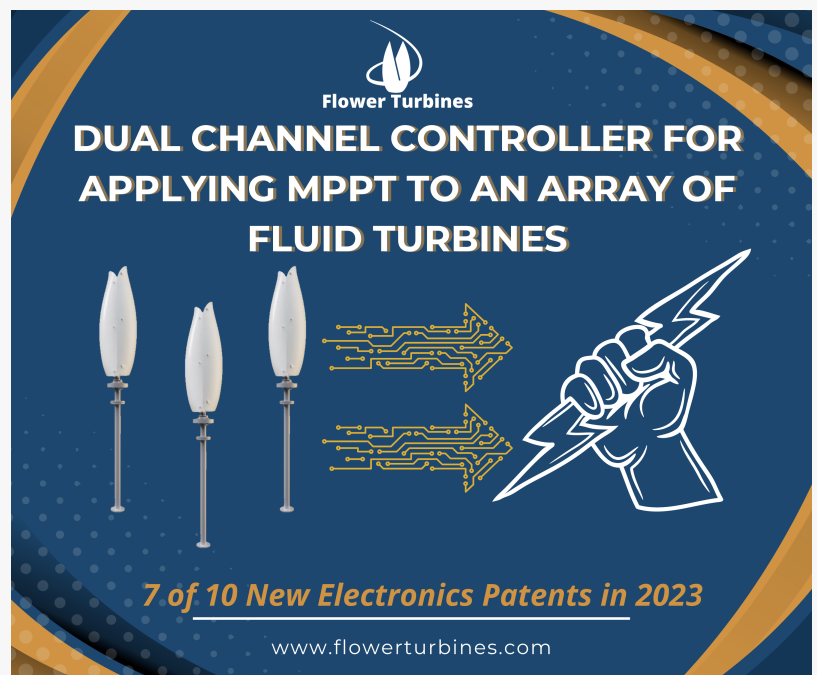
Investment in Flower Turbines can be made at <https://www.investflowerturbines.com/>

Its current [equity crowdfunding](#) round closes on February 22, 2024.

Flower Turbines is a US company with an important branch in the EU that has the goal of making



Patent Certificate



Dual Channel Controller Patent

small wind as powerful a force in renewable energy as solar by using its multiple patents to create a wind turbine that meets all the needs of urban and suburban environments. It combines aerodynamic innovations with beautiful design, low noise, and bird friendliness. Unlike other turbines, they make each other perform better when tightly packed together.

Flower Turbines' small-scale, aesthetically pleasing wind turbines are designed to start at low wind speeds, thrive in high winds, and actually boost each other's performance when installed in close proximity to one another. This unique, proprietary technology has been celebrated by Pepperdine University as one factor in making it one of the top-ten most fundable companies.

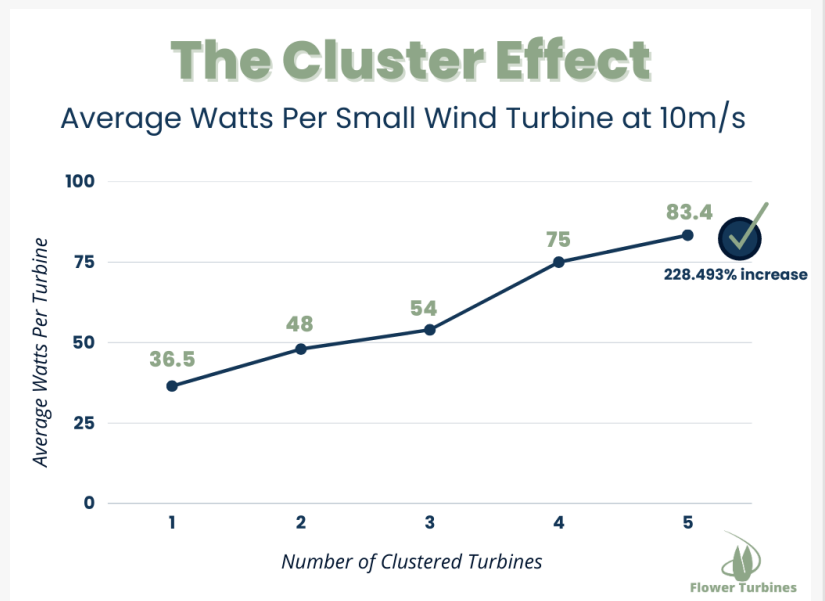
Technology being developed by Flower Turbines enables a new model in the small wind industry. Focused on creating beautiful, affordable, and efficient turbines for the urban/suburban market and tight spaces, it seeks to pave the way for the future of distributed energy, particularly with solar. Its "Cluster Effect" (whereby their turbines perform better when tightly packed together as opposed to the most common turbines which perform worse when tightly packed) could give them a key advantage to scaling farms of small wind turbines and harnessing the electricity they produce.

"We have the ambition to become a major global force in distributed energy," said CEO Dr. Daniel Farb. "We believe we have the technology, with 30 patents in multiple countries, and enthusiasm to accomplish it. We are in the right industry at the right time. Incentives for an energy transition in most important areas of the world only add to our scaling up headwinds."

Flower Turbines has external validation as a top company:



Bouquet of Wind Tulip Turbines



This shows how each turbine produces more energy as another turbine is clustered. 5 Flower Turbines together produce 228% more power than 5 separate turbines.

-Flower Turbines has been awarded the “Solar Impulse Efficient Solution” Label, a proof of high standards in profitability and sustainability to protect the environment. Here is a link to the page about Wind Tulips on the Solar Impulse website:

<https://solarimpulse.com/efficient-solutions/wind-tulips#>

- Flower Turbines was a winner of Pepperdine Graziado Business Schools annual Most Fundable Companies in America list. Flower Turbines was judged to be in the top 10 among 4500 startup companies examined.

- Winner of the Dutch government sustainability award for two separate years.

- A winner of the Yes San Francisco/World Economic Forum competition.



Flower Turbines at Rotterdam Roof Days

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