

High Altitude Wind Power Plants

Wind Energy is a key contribution switching towards renewable energies. Altitude wind power plants harvest stronger and more constant wind without requiring too much space on the ground.

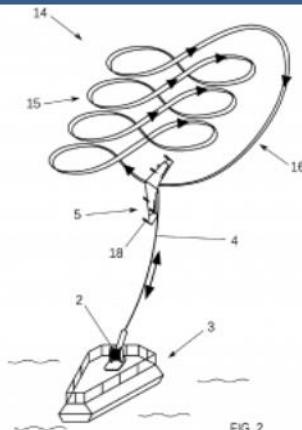
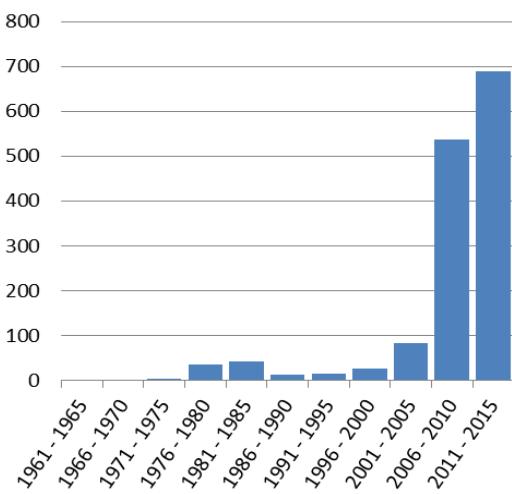


FIG. 2

Patenting activity



Major Research Topics Identified

(Power) Rope Design

Flight/Route Control

Take-Off and Landing

Ground Station Design

512

Patent families
1919(!)
–
2015

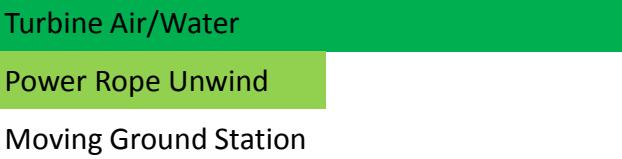
Type of plant
of families

Aerostat/
Lighter than Air (LTA)
217

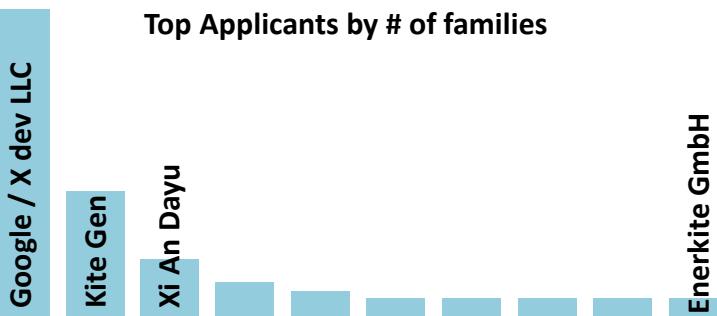
Flexible Kite
221

Rigid Wing
137

Type of driving the generator



Top Applicants by # of families



Top origins by # of families

