

# IP MARKETPLACE

## CONNECTING INNOVATION TO YOUR BUSINESS

### TECH OFFER

## WIND TURBINE



### ▶ MORE INFORMATION

#### MEGA-TREND

- Renewable, Energy and Power

#### TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4

#### PATENT/ GRANTED NUMBER

- PI 2015702341

### ▶ TECHNOLOGY OVERVIEW

A dual flow wind turbine is disclosed to harvest wind from two cross axis. The wind turbine comprises three vertical airfoil blades driven by two sets of three horizontal airfoil blades. The horizontal blades serve as radial arms that link the vertical blades. Elbows are used to couple horizontal airfoil blades to vertical airfoil blades. Each horizontal blade is arranged at an upward angle over horizontal plane. Incident horizontal wind from any direction can be harvested by vertical blades. Vertical air stream from bottom of turbine can

be harvested by horizontal blades which improves self-starting capability of turbine.

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## CONTACT US!

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