

IP MARKETPLACE

CONNECTING INNOVATION TO YOUR BUSINESS

TECH OFFER

ECOLOGICAL AIR CLEANER AND COOLER



▶ MORE INFORMATION

MEGA-TREND

- Innovative Technologies of the Future
- Environment and Water

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4

PATENT/ GRANTED NUMBER

- PI 2014703811

▶ TECHNOLOGY OVERVIEW

The present invention relates to an ecological air cleaning and cooling system characterized by: a chamber comprising an inlet and an outlet for inflow and outflow of air respectively; a filtering means in the chamber, comprising a water dispersing system for trapping particles in inflowing air and for cooling the inflowing air; and a purifying means comprising a plant growing on soil in the chamber. The purifying means absorbs odour and air pollutants from the air, humidifying and oxygenating the air before the air exits the system and transmits to the environment.

Said system is an ecological air cleaner and cooler specifically for indoor usage.

CONTACT US!

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