

Title (en)  
ELECTRO-HYDRODYNAMIC WIND ENERGY SYSTEMS AND METHODS

Title (de)  
ELEKTROHYDRODYNAMISCHE WINDENERGIESYSTEME UND VERFAHREN

Title (fr)  
SYSTÈMES ÉOLIENS ÉLECTROHYDRODYNAMIQUES ET PROCÉDÉS ASSOCIÉS

Publication  
**EP 2425127 A4 20170726 (EN)**

Application  
**EP 10770381 A 20100429**

Priority  

- US 2010033054 W 20100429
- US 21485209 P 20090429
- US 24748109 P 20090930
- US 30330210 P 20100210

Abstract (en)  
[origin: WO2010127178A1] Provided are electro-hydrodynamic (EHD) system for extracting energy from wind. Also provided are injectors for producing particles in an EHD system. Additionally, methods for producing particles in an EHD system is also provided. Further provided are displays comprising an EHD wind energy system. Also, an electro-hydrodynamic wind energy system integrated with a display is provided. A method of generating electricity is also provided. Additionally, a method of displaying a message is provided.

IPC 8 full level  
**F03D 1/00** (2006.01); **F03D 5/00** (2006.01); **G09F 9/33** (2006.01); **G09F 13/04** (2006.01); **H02N 3/00** (2006.01)

CPC (source: EP)  
**F03D 5/00** (2013.01); **G09F 9/33** (2013.01); **G09F 13/04** (2013.01); **H02N 3/00** (2013.01); **F05B 2260/408** (2013.01); **Y02E 10/70** (2013.01)

Citation (search report)  

- [X] US 4206396 A 19800603 - MARKS ALVIN M [US]
- [A] US 5214386 A 19930525 - SINGER HERMANN [DE], et al
- [A] US 2002153006 A1 20021024 - ZIMLICH WILLIAM C [US], et al
- [A] US 2004005214 A1 20040108 - JOHNSON NELDON P [US]
- [A] CA 1005768 A 19770222 - TRW INC
- See references of WO 2010127178A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010127178 A1 20101104**; EP 2425127 A1 20120307; EP 2425127 A4 20170726

DOCDB simple family (application)  
**US 2010033054 W 20100429**; EP 10770381 A 20100429