

Title (en)  
SYSTEM FOR USING AN UP-DRAUGHT AND USE OF SUCH A SYSTEM

Title (de)  
ANLAGE ZUR NUTZUNG VON AUFWIND UND VERWENDUNG EINER SOLCHEN ANLAGE

Title (fr)  
INSTALLATION POUR TIRER PARTI DE L'ASCENDANCE THERMIQUE ET UTILISATION D'UNE TELLE INSTALLATION

Publication  
**EP 2102500 A2 20090923 (DE)**

Application  
**EP 07845300 A 20071219**

Priority  
• AT 2007000572 W 20071219  
• AT 21162006 A 20061221

Abstract (en)  
[origin: WO2008074043A2] A system for using an up-draught comprises a tubular up-draught tower (4) having a height difference, and a translucent collector roof (1) which extends in a planar manner adjoining and at least partially surrounding the up-draught tower (4) and defines an air space (150) linked to the up-draught tower (4). An insulating layer (58) which reduces transfer of heat into the underlying surface (31) is provided on the underlying surface (31) surrounding the collector roof (1). Furthermore, sensors (36) are provided for measuring the moisture content of the air in the air flow in the air space (150). The system can advantageously be used to produce current, to obtain drinking water and salt and also to produce rain.

IPC 8 full level  
**F03G 6/04** (2006.01); **F03D 1/04** (2006.01)

CPC (source: EP)  
**F03G 6/045** (2013.01); **F05B 2240/131** (2013.01); **F05B 2260/24** (2013.01); **Y02B 10/20** (2013.01); **Y02B 10/30** (2013.01); **Y02E 10/46** (2013.01)

Citation (search report)  
See references of WO 2008074043A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008074043 A2 20080626**; **WO 2008074043 A3 20080807**; AT 504692 A1 20080715; AT 504692 B1 20090715; EP 2102500 A2 20090923

DOCDB simple family (application)  
**AT 2007000572 W 20071219**; AT 21162006 A 20061221; EP 07845300 A 20071219