

Title (en)  
ELECTRICITY GENERATION DEVICE AND PROCESS

Title (de)  
ELEKTRIZITÄT SERZUEGUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)  
DISPOSITIF ET PROCEDE DE PRODUCTION D'ELECTRICITE

Publication  
**EP 2084397 A1 20090805 (FR)**

Application  
**EP 07822052 A 20071030**

Priority  

- EP 2007061698 W 20071030
- EP 06123256 A 20061031
- EP 07822052 A 20071030

Abstract (en)  
[origin: EP1918580A1] The method involves moving integrally moving elements (1) in water, where the element have compartments (2, 3) joined with each other, in which the compartment (2) contains a dissolved gas. The elements are lowered down to a preset depth under effect of gravity, and two compartments are set in communication with each other. The elements are raised by expanding into the compartment (3) and converting the gas into electrical energy. An independent claim is also included for an electricity generating device.

IPC 8 full level  
**F03B 17/04** (2006.01); **F03B 17/00** (2006.01); **F03G 7/04** (2006.01)

CPC (source: EP US)  
**F03B 17/005** (2013.01 - EP US); **F03B 17/04** (2013.01 - EP US); **F03G 7/10** (2013.01 - EP US); **F05B 2250/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008052994A1

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)  
**EP 1918580 A1 20080507**; CA 2667405 A1 20080508; EP 2084397 A1 20090805; US 2010001537 A1 20100107; WO 2008052994 A1 20080508

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**EP 06123256 A 20061031**; CA 2667405 A 20071030; EP 07822052 A 20071030; EP 2007061698 W 20071030; US 44755907 A 20071030