

Title (en)  
ARRANGEMENT FOR ENERGY RECOVERY

Title (de)  
ANORDNUNG ZUR ENERGIERÜCKGEWINNUNG

Title (fr)  
AGENCEMENT DE RÉCUPÉRATION D'ÉNERGIE

Publication  
**EP 2705248 A4 20141126 (EN)**

Application  
**EP 12789168 A 20120503**

Priority  
• FI 20115428 A 20110505  
• FI 2012050427 W 20120503

Abstract (en)  
[origin: WO2012160244A1] An arrangement for recovering wave energy. The arrangement comprises: at least one hollow piece (1) which is provided with an outer casing (2) and an inner space (3) therein. The outer casing is engaged to be rotatable with respect to a body (8) of the hollow piece. The inner space (3) is provided with a sun-and-planet gear (4) and a first mechanical rectifier (5). An internal gear (7) of the sun-and-planet gear (4) is fastened with respect to the outer casing (2) so as to rotate therewith, and a planet gear (10) and a sun gear (6) of the sun-and-planet gear are pivotally mounted to the body (8) of the hollow piece and arranged to transmit reciprocating rotational motion between the outer casing (2) and the body (8) to said first mechanical rectifier (5) arranged to convert said reciprocating rotational motion into one-directional rotational motion of a rotating axle (14).

IPC 8 full level  
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CPC (source: EP FI)  
**F03B 13/16** (2013.01 - FI); **F03B 13/181** (2013.01 - FI); **F03B 13/1815** (2013.01 - EP); **F03B 13/20** (2013.01 - EP);  
**F05B 2260/40311** (2013.01 - EP); **Y02E 10/30** (2013.01 - EP)

Citation (search report)  
• [XYI] WO 2010125552 A2 20101104 - LIMERICK WAVE LTD [IE], et al  
• [A] US 7315092 B2 20080101 - COOK GLEN [US]  
• [A] US 2011012361 A1 20110120 - LEE S PETER [US]  
• [YA] US 2011018275 A1 20110127 - SIDENMARK MIKAEL [SE]  
• See references of WO 2012160244A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2012160244 A1 20121129**; **WO 2012160244 A8 20130221**; EP 2705248 A1 20140312; EP 2705248 A4 20141126; FI 123177 B 20121214;  
FI 20115428 A0 20110505

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