

Title (en)
ARRANGEMENT FOR ENERGY RECOVERY

Title (de)
ANORDNUNG ZUR ENERGIERÜCKGEWINNUNG

Title (fr)
AGENCEMENT DE RÉCUPÉRATION D'ÉNERGIE

Publication
EP 2705248 A1 20140312 (EN)

Application
EP 12789168 A 20120503

Priority
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• 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).

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