

Title (en)

COUPLING ARRANGEMENT IN A WAVE ENERGY RECOVERY APPARATUS

Title (de)

KOPPLUNGSANORDNUNG IN EINER WELLENENERGIERÜCKGEWINNUNGSVORRICHTUNG

Title (fr)

AGENCEMENT DE COUPLAGE DANS UN APPAREIL DE RÉCUPÉRATION D'ÉNERGIE HOULOMOTRICE

Publication

EP 4133173 A4 20230510 (EN)

Application

EP 20930379 A 20200407

Priority

FI 2020050230 W 20200407

Abstract (en)

[origin: WO2021205056A1] This invention relates to a coupling arrangement in a wave energy recovery apparatus that comprises a reciprocating panel with a pivot shaft (2a), a power-take-off unit with a primary shaft (4a) and a coupling (5), which coupling (5) comprises a first part (5a) connected the pivot shaft (2a) of the panel and a second part (5b) connected to the primary shaft (4a) of the power-take-off unit. The two parts (5a, 5b) of the coupling (5) are fastened together to form a hollow entity with two opposite end walls (5c) each end wall (5c) comprising at least a first zone and a second zone that is more flexible than the first zone.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] WO 2019156109 A1 20190815 - UNIV TOKYO [JP], et al
- [AD] WO 2017029425 A1 20170223 - AW-ENERGY OY [FI]
- [A] WO 2019229290 A1 20191205 - AW ENERGY OY [FI]
- See references of WO 2021205056A1

Designated contracting state (EPC)

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