

Title (en)

LIQUID-ELECTRODE ENERGY RECOVERY DEVICE

Title (de)

ENERGIERÜCKGEWINNUNGSVORRICHTUNG MIT FLÜSSIGKEITSELEKTRODE

Title (fr)

DISPOSITIF DE RECUPERATION D'ENERGIE A ELECTRODE LIQUIDE

Publication

EP 2223424 A1 20100901 (FR)

Application

EP 08867661 A 20081222

Priority

- EP 2008068182 W 20081222
- FR 0760221 A 20071221

Abstract (en)

[origin: WO2009083542A1] The invention relates to an energy recovery device that comprises at least one variable-capacity capacitor (214), said capacitor (214) including a fixed electrode (206) a dielectric layer and a liquid electrode (202), and a means (208) for feeding into and retrieving from the capacitor an electric charge, wherein said means includes a charge feeding electrode (215) defining a portion of the second surface provided upstream from the fixed electrode (206) in the movement direction of the liquid electrode (202), and a charge retrieval electrode (216) defining a portion of the second surface provided downstream from the fixed electrode (206) in the movement direction of the liquid electrode (202).

IPC 8 full level

H02N 1/08 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009083542A1

Citation (examination)

JP H08189453 A 19960723 - HITACHI SHIPBUILDING ENG CO

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