

Title (en)

AN ENERGY RECOVERY APPARATUS SUITABLE FOR HEAT TREATMENT OF FLUIDS OR SOLIDS

Title (de)

ENERGIERÜCKGEWINNUNGSVORRICHTUNG ZUR WÄRMEBEHANDLUNG VON FLUIDEN ODER FESTSTOFFEN

Title (fr)

APPAREIL DE RÉCUPÉRATION D'ÉNERGIE ADAPTÉ AU TRAITEMENT THERMIQUE DE FLUIDES OU DE SOLIDES

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Application

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Abstract (en)

[origin: WO2011042927A2] Subject-matter of the present invention is an energy recovery apparatus and its use for the thermal treatment and the valorisation of a solid or fluid material, even polluted. Figure 1 shows the longitudinal section of an embodiment of the apparatus according to the present invention suitable for the treatment of fluids.

IPC 8 full level

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Citation (examination)

- US 3787292 A 19740122 - KEAPPLER E
- US 2008149471 A1 20080626 - WOLFE RICHARD A [US]
- US 2008020247 A1 20080124 - VALENSA JEROEN [US], et al

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