

Title (en)

Device and method for heat recovery from discontinuous liquids containing suspended matter

Title (de)

Vorrichtung und Verfahren zur Wärmerückgewinnung aus diskontinuierlich anfallenden und mit Schwebstoffen beladenen Flüssigkeiten

Title (fr)

Dispositif et procédé de récupération de chaleur à partir de liquides survenant de manière discontinue et chargés de matières en suspension

Publication

EP 2275747 A2 20110119 (DE)

Application

EP 10005546 A 20100528

Priority

DE 102009025503 A 20090619

Abstract (en)

The device has an inlet (31), and two drain outlets (27, 33), where one of the drain outlet is closed by a stop valve. A filter is arranged between the inlet and the drain outlet. The filter is arranged in a filter housing that connects the inlet and other drain outlet. A water level sensor is provided in the latter drain outlet, and a pump is provided in the former drain outlet. A temperature sensor is provided in the filter housing, and the latter outlet comprises a smaller lower geodetic height than the inlet. Independent claims are also included for the following: (1) a method for utilizing heat contained in liquid loaded with particulate matter (2) a computer program comprising instructions for performing a method for utilizing heat contained in liquid loaded with particulate matter.

Abstract (de)

Es werden eine Vorrichtung und ein Verfahren beschrieben, mit deren Hilfe es möglich ist, die Abwärme aus diskontinuierlich anfallenden Abwässern, die noch dazu mit festen Partikeln und/oder Schwebstoffen verunreinigt sind, einfach und wartungsarm nutzen zu können.

IPC 8 full level

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CPC (source: EP)

F24D 3/00 (2013.01); **F24D 2200/20** (2013.01)

Citation (applicant)

DE 2625157 A1 19771208 - BOGNER UND HUBER GMBH & CO SAN

Cited by

EP2574853A1; FR3017192A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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