

Title (en)
ENERGY EXTRACTOR

Title (de)
ENERGIEEXTRAKTIONSEINRICHTUNG

Title (fr)
EXTRACTEUR D'ENERGIE

Publication
EP 1151182 A1 20011107 (EN)

Application
EP 99958527 A 19991215

Priority
• NO 9900382 W 19991215
• NO 985914 A 19981216

Abstract (en)
[origin: WO0036281A1] The arrangement with a heat exchanger (V1) that is designed to extract heat energy from a source (C) of a relatively warmer primary fluid (L1) and transfer parts of this heat energy to a relatively colder secondary fluid (L2) on the opposite side of the heat exchanger (V1), with a secondary outlet is connected to a displacement device (G) with relatively higher volumetric capacity, and that again has an outlet to a reservoir (J) after first being cooled off in a heat exchanger (V3) by a fluid (L3). The displacement device (G) with a relatively higher volumetric capacity is connected to a displacement device (H) with relatively lower volumetric capacity, that has an intake from the relatively colder reservoir (J) with the secondary fluid (L2), with a displacement device (H) that has an outlet connected to the intake of the secondary of the heat exchanger (V2) that has an outlet to the heat exchanger (V1) that is connected to the displacement device (G) with a relatively higher volumetric capacity that at the same time is connected to an energy converter (W) arranged to transform mechanical energy to another form of energy, preferably electrical energy.

IPC 1-7
F01K 25/02

IPC 8 full level
F01K 25/02 (2006.01)

CPC (source: EP)
F01K 25/02 (2013.01)

Citation (search report)
See references of WO 0036281A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0036281 A1 20000622; AU 1587800 A 20000703; EP 1151182 A1 20011107; NO 310583 B1 20010723; NO 985914 D0 19981216; NO 985914 L 20000619

DOCDB simple family (application)
NO 9900382 W 19991215; AU 1587800 A 19991215; EP 99958527 A 19991215; NO 985914 A 19981216