

Title (en)

METHOD OF RECOVERING THERMAL ENERGY BY HEAT PUMP FROM SEA WATER AND COMPARABLE WATER MASSES

Publication

**EP 0089988 B1 19850213 (EN)**

Application

**EP 82902921 A 19820915**

Priority

SE 8105501 A 19810916

Abstract (en)

[origin: WO8301102A1] Sea water is supplied in a constant or variable flow to a heat exchanger (3) and returned to the sea. A heat carrying medium is pumped simultaneously through the heat exchanger (3) and a supply conduit (7, 11) to an evaporator for a per se known heat pump (8) and through a return conduit (12, 9) again to the heat exchanger (3). The medium is pumped in a flow exceeding the flow through the evaporator, and a part of the medium is directed from the supply conduit (7) past (10) the evaporator and to the return conduit (9). The sea water flow is of a size at least equal to the medium flow.

IPC 1-7

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IPC 8 full level

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