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(54) **Title:** PUMP SYSTEM, METHOD AND USES FOR TRANSPORTING INJECTION WATER TO AN UNDERWATER INJECTION WELL

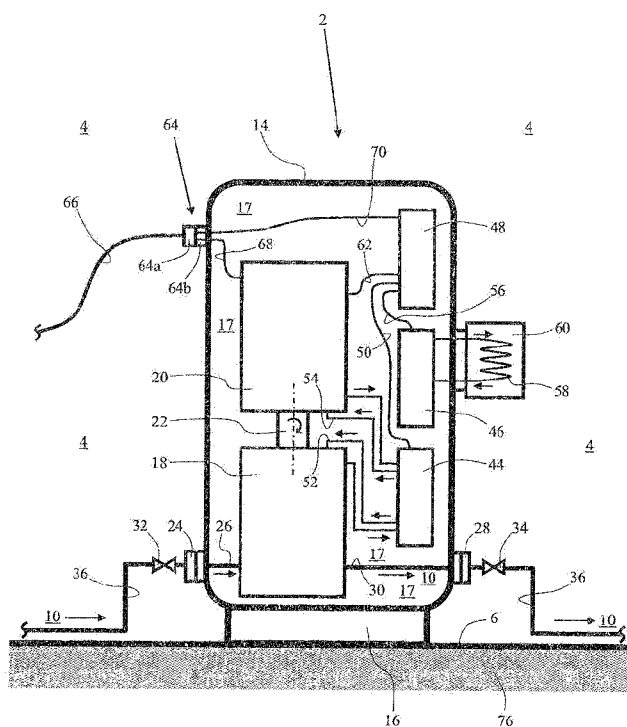


Fig. 1

(57) **Abstract:** Pump system (2), method and use for transporting injection water (10) to an underwater injection well (12), wherein the pump system (2) comprises a pressure-tight enclosure (14) located underwater and containing: - a pump arrangement (18) for pumping the injection water (10); - a drive arrangement (20) connected to the pump arrangement (18) for operation of the latter; - a cooling arrangement (46) for removing heat from the interior of the enclosure (14); and - at least one control unit (48) for operating control of at least said drive arrangement (20); wherein the enclosure (14) also comprises: - an inlet (24), which is flow-connected to an upstream side of the pump arrangement (18); and - an outlet (28), which is flow-connected to a downstream side of the pump arrangement (18). The characteristic of the pump system (2) is that the inlet (24) of the enclosure (14) is flow-connected to a body of water (4) in which the enclosure (14) is located, water from this body of water (4) being used as injection water (10) to said underwater injection well (12); and - the outlet (28) of the enclosure (14) is flow-connected to the injection well (12).



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 2008/190291 A1 (KREHBIEL DREW LINDEN [US] ET AL) 14 August 2008 (2008-08-14) cited in the application paragraph [0007] paragraph [0018] - paragraph [0019] paragraph [0039] paragraph [0041] - paragraph [0042] paragraph [0047] -----	1-26
Y	WO 98/53182 A1 (WESTINGHOUSE ELECTRIC CORP [US]) 26 November 1998 (1998-11-26) page 9, line 27 - page 10, line 23; figures 1,3 ----- -/-	2,12-15



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	CN 2 752 436 Y (DAQING OIL FIELD INSTALLATION [CN]) 18 January 2006 (2006-01-18) abstract; figure 1 -----	1-26
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INTERNATIONAL SEARCH REPORT

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