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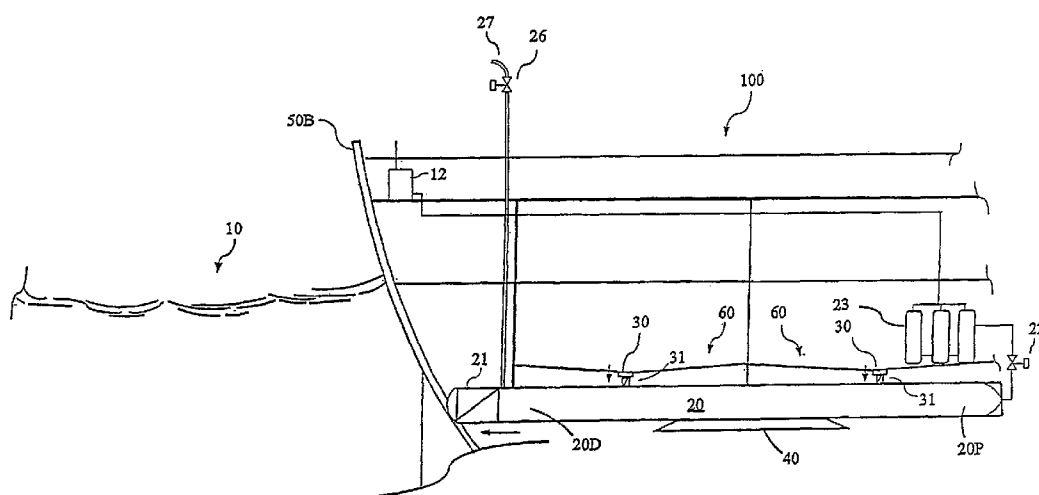
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(54) Title: SYSTEM AND METHOD FOR DEWATERING AN AREA



(57) Abstract: A system and method for dewatering an area in which a catch basin is situated within the area to collect water and conduit conveys the collected water to an elongated discharge chamber having a muzzle at a distal end in communication with a desired outfall body and a substantially closed proximal end. Compressed air released into the proximal end of the discharge chamber forcibly discharges water out of the discharge chamber via the muzzle and into the outfall body to dewater the area. A vent permits escape of air as the discharge chamber fills. Backflow prevention valves maintain discharge out of the muzzle and prevent any water from the outfall body from flowing back into the discharge chamber.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/08357

A. CLASSIFICATION OF SUBJECT MATTER

IPC: B67D 5/54(2006.01)

USPC: 137/13,159,169,209,356,363;405/36,53

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)

U.S. : 137/13,159,169,209,356,363;405/36,53

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,282,487 A (Timpany) 1 February 1994 (01.02.1994), column 3, line 22 to column 4, line 32.	1-12

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"X"

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