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(54) Title of the Invention: **Boost system and method for dual gradient drilling**
Abstract Title: **Boost system and method for dual gradient drilling**

(57) Boost system and method for dual gradient drilling where a marine riser (1) has a mud return line (14) connected at a first connection position (18) below the lowest foreseeable mud level (12) in the marine riser (1), and where a mud return pump (16) is connected to the mud return line (14), and where a recirculation line (20) that has a recirculation pump (22), is connected to the marine riser (1) at a second connection position (24) below the lowest foreseeable mud level (12) in the marine riser (1), and at a third connection position (26) on the marine riser (1) below said second connection position (24).

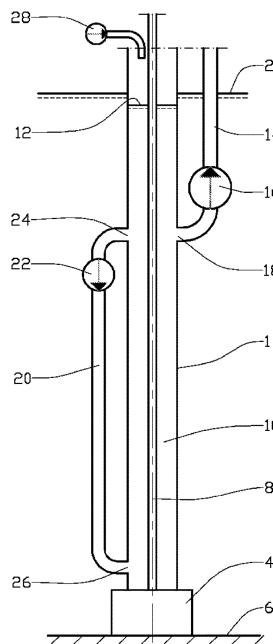


Fig. 1

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