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(54) Title: POWER SUPPLY SYSTEM

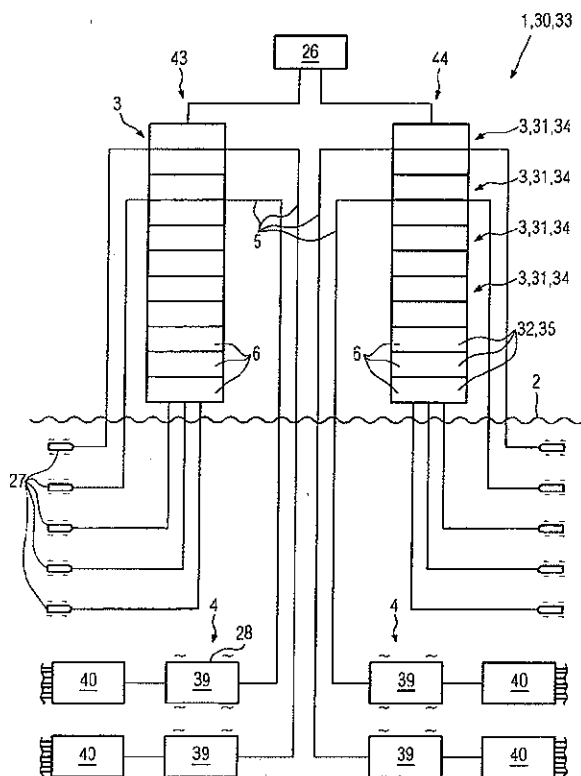


FIG. 1

(57) Abstract: A power supply system, particularly to be
used in maritime oil/natural gas production comprises at least
one data transfer/voltage conversion unit arranged above
sea level and one electrical means such as a choke, gate
valve, production tree, power control/communication unit
and the like arranged below sea level, which are electrically
connected via a cable connection at least for power supply.
To improve such a power supply system in a manner that this
system has a simple structure and each data transfer/voltage
conversion unit can also provide higher powers over a
predetermined period of time or during continuous operation,
a plurality of data transfer/voltage conversion units are
arranged modularly, and one additional power supply module
can be connected thereto to increase the power supply, and
the electrical power, respectively.

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