SUPPLYING ELECTRICAL POWER IN A HYDROCARBON WELL INSTALLATION

ABSTRACT:

A method of providing electrical power in an underwater hydrocarbon well installation having a pipeline (2) surrounded by water for conveying a hydrocarbon fluid comprises attaching at least one body (1) to the pipeline at its outside, the body carrying at least one thermoelectric generating device (7), so that the device is in a temperature gradient resulting from a difference in temperature between the hydrocarbon fluid and the water surrounding the pipeline. The body comprises a clamp body which is part of a clamp arrangement clamped to the outside of the pipeline.

(Fig. 1)