

Title (en)
SUBMERSIBLE PUMP FOR USE IN A BORE HOLE

Title (de)
TAUCHPUMPENEINRICHTUNG ZUR VERWENDUNG IN EINEM BOHRLOCH

Title (fr)
DISPOSITIF A POMPE SUBMERSIBLE A UTILISER DANS UN TROU DE FORAGE

Publication
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Application
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Abstract (en)
[origin: DE19848792C1] The invention relates to submersible pump with a transmission (10) and a compensator (24). The transmission (10) comprises a transmission housing (12) filled with a lubricating fluid. Said transmission housing accommodates a driven input shaft (14, 102, 120) and an output shaft (16) for driving a pump. A transmission step (22) is provided which slows down the rotational movement of the input shaft (14, 102, 120). The compensator (24) adjusts the lubricating fluid pressure in the transmission housing (12) to the ambient pressure. The compensator (24) is arranged within the transmission housing (12) adjacent to the transmission stage (22) and distributes the heat building up at the transmission stage (22) across the lubricating fluid.

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