Title (en)

DOWNHOLE POWER SYSTEM

Title (de)

BOHRLOCHSTROMVERSORGUNGSSYSTEM

Title (fr)

SYSTÈME D'ÉNERGIE DE FOND DE TROU

Publication

EP 2932027 A1 20151021 (EN)

Application

EP 13805834 A 20131210

Priority

- EP 12196526 A 20121211
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Abstract (en)

[origin: EP2743445A1] The present invention relates to a downhole power system (1) comprising a tubing string (2) comprising a pressurised fluid (3), a turbine (4) for converting energy from the pressurised fluid into rotation of a shaft (5), a generator (8) or a tool (6, 6a) powered by the turbine, wherein a constant flow downhole assembly (7) is arranged between the tubing string and the turbine for providing a substantially constant flow of the pressurised fluid to the turbine. The present invention also relates to a constant flow downhole assembly and to a method for proving a substantially constant flow of fluid into a turbine of the downhole power system.

IPC 8 full level

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