Title (en)

ADVANCED STABILIZING SYSTEM FOR DEEP DRILLING

Title (de)

VERBESSERTES STABILISIERUNGSSYSTEM ZUM TIEFBOHREN

Title (fr)

SYSTÈME DE STABILISATION AVANCÉ POUR FORAGE PROFOND

Publication

EP 3807490 A1 20210421 (EN)

Application

EP 18922842 A 20180612

Priority

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Abstract (en)

[origin: WO2019239180A1] The present invention relates to a stabilizing system (100) adapted to be used in a deep drilling system. The stabilizing system (100) comprises a longitudinal housing (110) and a spring (140) preferably a helical spring, arranged inside the housing (110). Thereby, the stabilizing system (100) is contracted and the spring (140) is compressed along the longitudinal axis of the stabilizing system (100) when an external load is applied in longitudinal direction onto the stabilizing system (100). The transversal diameter of the stabilizing system (100) increases when the stabilizing system (100) is contracted. Further, the transversal diameter of the stabilizing system (100) decreases when the stabilizing system (100) expands along the longitudinal axis.

IPC 8 full level

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