

Title (en)

CENTRALIZER HAVING ATMOSPHERIC CHAMBER FOR EXPANSION IN RESPONSE TO HYDROSTATIC PRESSURE

Title (de)

ZENTRALISIERER MIT ATMOSPHERISCHER KAMMER ZUR EXPANSION ALS REAKTION AUF HYDROSTATISCHEN DRUCK

Title (fr)

CENTREUR AYANT UNE CHAMBRE ATMOSPHERIQUE PERMETTANT UNE EXPANSION EN RÉPONSE À UNE PRESSION HYDROSTATIQUE

Publication

EP 3833846 A1 20210616 (EN)

Application

EP 19773521 A 20190724

Priority

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- IB 2019056329 W 20190724

Abstract (en)

[origin: WO2020031010A1] A centralizer for use in a wellbore includes: a body for disposing around a periphery of a casing or liner string, the body having a plurality of bow springs biased toward an expanded position; a mandrel for disposing around the periphery of the casing or liner string; a piston disposed around the mandrel and movable between a locked position and a release position; a plurality of dogs, each dog mounted to or formed integrally with the respective bow spring and captured by the piston in the locked position, thereby keeping the bow springs in a retracted position; an atmospheric chamber formed between the piston and the mandrel; and a fastener for releasably connecting the piston to the mandrel in the locked position.

IPC 8 full level

E21B 17/10 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020031010A1

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Designated extension state (EPC)

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