

Title (en)

INSTRUMENT FOR CENTERING TOOLS WITHIN A WELLBORE

Title (de)

INSTRUMENT ZUR ZENTRIERUNG VON WERKZEUGEN IN EINEM BOHRLOCH

Title (fr)

INSTRUMENT DE CENTRAGE D'OUTILS DANS UN Puits DE FORAGE

Publication

**EP 2675984 A1 20131225 (EN)**

Application

**EP 12747634 A 20120214**

Priority

- US 201113027020 A 20110214
- US 2012024991 W 20120214

Abstract (en)

[origin: US2012205093A1] A downhole controller for aligning downhole tools including a body extending between an upstream portion and a downstream portion, wherein a longitudinal axis of the body is coincident with the longitudinal axis of a borehole. First and second springs are disposed proximate the upstream and downstream portions, respectively. A first bulkhead is disposed around the upstream portion and a second bulkhead is disposed around the downstream portion. The first bulkhead having a first plurality of ribs extending outwardly therefrom to define an upper recess spaced from a middle recess and the second bulkhead having a second plurality of ribs extending outwardly therefrom to define a bottom recess. A linkage bar system is coupled to the upper, middle, and bottom recesses disposed around the body, wherein the linkage bar system includes first through third linkage bars, a roller support plate, and a roller. A coupling is coupled to the body and adapted to suspend a tool from the body, wherein the linkage bar system is adapted to compress of at least one of the first and second springs when the roller is obstructed by an interval in a borehole.

IPC 8 full level

**E21B 17/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2012112504A1

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**US 2012205093 A1 20120816**; AU 2012217882 A1 20130912; CA 2831842 A1 20120823; EP 2675984 A1 20131225; WO 2012112504 A1 20120823

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