

Title (en)

LATCH BODY COMPONENTS HAVING MULTIPLE FUNCTIONS, AND DRILLING HEAD ASSEMBLY INCORPORATING SAME

Title (de)

VERRIEGELUNGSELEMENTKOMPONENTEN MIT MEHREREN FUNKTIONEN UND BOHRKOPFANORDNUNG DAMIT

Title (fr)

COMPOSANTS DE CORPS DE VERROUILLAGE PRÉSENTANT DE MULTIPLES FONCTIONS, ET ENSEMBLE TÊTE DE FORAGE LES INCORPORANT

Publication

**EP 2888432 B1 20190724 (EN)**

Application

**EP 12883130 A 20120823**

Priority

US 2012052063 W 20120823

Abstract (en)

[origin: WO2014031120A1] A latch body for use in a drilling head assembly including a fluid control subassembly, a check valve element, and/or a hollow spindle. A distal end portion of the latch body includes a port section that defines a chamber for receiving the check valve element and promoting movement of the check valve element between a blocking position and an open position. The hollow spindle of the fluid control subassembly is operatively coupled to the chamber of the port section and supports the check valve element in the blocking position. A proximal end portion of the latch body supports the fluid control subassembly of the drilling head assembly in an operative position. The latch body includes male protrusions extending inwardly toward and spaced from a longitudinal axis of the latch body. A plurality of channels extend radially outwardly from the longitudinal axis of the latch body, spanning between adjacent male protrusions.

IPC 8 full level

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CPC (source: CN EP)

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