Title (en)

HYDRAULIC CONNECTOR APPARATUSES AND METHODS OF USE WITH DOWNHOLE TUBULARS

Title (de)

HYDRAULISCHE VERBINDERVORRICHTUNGEN UND VERFAHREN ZUR VERWENDUNG MIT BOHRLOCHROHRLEITUNGEN

Title (fr)

DISPOSITIFS ET PROCEDES DE LIAISON HYDRAULIQUE DESTINES A ETRE UTILISES AVEC DES TUBAGES DE FOND DE PUITS

Publication

EP 2255059 A1 20101201 (EN)

Application

EP 09708493 A 20090209

Priority

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- GB 0802407 A 20080208
- GB 0805299 A 20080320

Abstract (en)

[origin: GB2457317A] A connector 10 which provides a fluid tight connection between a fluid supply and a downhole tubular (4fig.1), e.g. a top drive and a drill string, the connector 10 comprising a body portion 15 and an extendable portion (piston rod) 20, the extendable portion having a seal 130 at or towards its free end which is adapted to sealingly engage the downhole tubular when the extendable portion is at least partially extended from the body portion, the extendable portion comprising a pressure face(piston) 50 exposed to a fluid in the body portion, so that the extendable portion extends by virtue of the fluid pressure of the fluid in the body portion 70 acting on the pressure face, the connector also comprising a first valve 140 provided on the pressure face of the extendable portion, the first valve being a one-way flow valve permitting flow from the downhole tubular in to the connector. The extendable portion may also comprise a filter 200.

IPC 8 full level

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CPC (source: EP GB)

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