

Title (en)

Valve device for use in a wellbore

Title (de)

Ventilvorrichtung zur Verwendung in einem Bohrloch

Title (fr)

Dispositif de valve destiné à être utilisé dans un puits de forage

Publication

EP 3034775 A1 20160622 (EN)

Application

EP 14198828 A 20141218

Priority

EP 14198828 A 20141218

Abstract (en)

A valve device, which may be a standing valve, is provided for use in a wellbore whereby a pumping assembly is used to pump a stream of hydrocarbon fluid from a surrounding earth formation into a conduit extending into the wellbore. The valve device comprises a housing provided with a flow passage for said stream of hydrocarbon fluid and a closure element for selectively closing the flow passage. The closure element ball 43 is movable between an open position whereby the flow passage is open and a closed position whereby the flow passage is closed. The valve device further comprises a support member for supporting at least one component of the pumping assembly in case said at least one component falls on the valve device. The support member 62 is arranged to be moved to a downward position by the weight of said at least one component, wherein the support member in the downward position thereof is arranged to prevent movement of the closure element to the open position.

IPC 8 full level

E21B 23/00 (2006.01); **E21B 34/06** (2006.01); **E21B 41/00** (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)

E21B 23/006 (2013.01 - EP); **E21B 34/06** (2013.01 - EP); **E21B 41/0021** (2013.01 - EP); **E21B 43/127** (2013.01 - EP US)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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