Title (en)

MULTI-POSITION VALVE FOR FRACTURING AND SAND CONTROL AND ASSOCIATED COMPLETION METHODS

Title (de)

MULTIPOSITIONSVENTIL FÜR BRUCH UND SANDSTEUERUNG SOWIE ZUGEHÖRIGE AUSFÜHRUNGSVERFAHREN

Title (fr)

SOUPAPE MULTI-POSITION POUR LA FRACTURATION ET LE CONTRÔLE DU SABLE ET PROCÉDÉS DE COMPLÉTION ASSOCIÉS

Publication

EP 2185790 A2 20100519 (EN)

Application

EP 08797572 A 20080810

Priority

- US 2008072733 W 20080810
- US 89170607 A 20070813

Abstract (en)

[origin: WO2009023611A2] A completion tubular is placed in position adjacent the zone or zones to be fractured and produced. It features preferably sliding sleeve valves that can assume at least two configurations: wide open and open with a screen material juxtaposed in the flow passage. In a preferred embodiment the valve assembly has three positions, adding a folly closed position to the other two mentioned. After run in, the valves can be put in the wide open position in any order desired to fracture. After fracturing, the valves can be closed or selectively be put in filtration position for production from the fractured zones in any desired order. Various ways are described to actuate the valves. The tubular can have telescoping pistons through which the fracturing can take place if the application calls for a cemented tubular. Alternatively, the tubular can be in open hole and simply have openings for passage of fracture fluid and external isolators to allow fracturing in any desired order.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2009023611A2

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