Title (en)

MULTIPLE ZONE INTEGRATED INTELLIGENT WELL COMPLETION

Title (de)

ZONENWEISE INTELLIGENTE INTEGRIERTE BOHRLOCHKOMPLETTIERUNG

Title (fr)

SYSTÈME INTELLIGENT ET INTÉGRÉ DE COMPLÉTION DE PUITS PRÉSENTANT PLUSIEURS ZONES

Publication

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Application

EP 19187957 A 20120926

Priority

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- EP 12885563 A 20120926
- US 2012057215 W 20120926

Abstract (en)

A system for use with a well having multiple zones can include multiple well screens which filter fluid flowing between a completion string and respective ones of the zones, at least one optical waveguide which senses at least one property of the fluid as it flows between the completion string and at least one of the zones, multiple flow control devices which variably restrict flow of the fluid through respective ones of the well screens, and multiple pressure sensors which sense pressure of the fluid which flows through respective ones of the well screens. A completion string for use in a subterranean well can include at least one well screen, at least one flow control device which selectively prevents and permits substantially unrestricted flow through the well screen, and at least one other flow control device which is remotely operable, and which variably restricts flow through the well screen.

IPC 8 full level

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CPC (source: EP)

E21B 43/12 (2013.01); **E21B 43/14** (2013.01); **E21B 47/06** (2013.01); **E21B 47/113** (2020.05); E21B 2200/02 (2020.05)

Citation (applicant)

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Designated contracting state (EPC)

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AU 2016228178 B2 20171214; BR 112015006645 A2 20170704; BR 112015006645 B1 20201201; BR 122020004840 B1 20210504;
EP 2900903 A1 20150805; EP 2900903 A4 20161116; EP 2900903 B1 20190904; EP 3578752 A1 20191211; EP 3578752 B1 20201223;
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