

Title (en)

Inflow control device with fluid loss and gas production controls

Title (de)

Zuflusskontrollvorrichtung mit Flüssigkeitsverlust- und Gaserzeugungskontrolle

Title (fr)

Dispositif de contrôle du débit d'entrée avec contrôle de la perte de fluide et de la production de gaz

Publication

EP 1953336 A2 20080806 (EN)

Application

EP 08250389 A 20080201

Priority

US 67131907 A 20070205

Abstract (en)

An inflow control device (26) for restricting flow into a passage of a tubular string in a wellbore includes at least two of a flow restrictor section (32), a fluid discriminator section (30) and a reverse flow preventer section (34), and the inflow control device is configured so that fluid which flows between an exterior of the tubular string and the passage also flows through each of the at least two sections. A well screen or liner includes a filter (20) or inlet portion and an inflow control device including a flow restrictor section, a fluid discriminator section, and a reverse flow preventer section, the inflow control device being configured so that fluid which flows through the filter portion also flows through the flow restrictor, fluid discriminator and reverse flow preventer sections.

IPC 8 full level

E21B 43/08 (2006.01); **E21B 43/12** (2006.01)

CPC (source: EP US)

E21B 34/08 (2013.01 - EP US); **E21B 43/12** (2013.01 - EP US)

Citation (applicant)

- US 2004144544 A1 20040729 - FREYER RUNE [NO]
- US 2008041580 A1 20080221 - FREYER RUNE [NO], et al
- US 2007246210 A1 20071025 - RICHARDS WILLIAM MARK [US]
- US 7108083 B2 20060919 - SIMONDS FLOYD RANDOLPH [US], et al
- US 6857476 B2 20050222 - RICHARDS WILLIAM MARK [US]
- US 6886634 B2 20050503 - RICHARDS WILLIAM MARK [US]
- US 7096945 B2 20060829 - RICHARDS WILLIAM MARK [US], et al

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NO20121391A1; US9840889B2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

US 67131907 A 20070205; AU 2008200420 A 20080129; BR PI0800708 A 20080130; EP 08250389 A 20080201; MX 2008001736 A 20080205; SG 2008010134 A 20080205