

Title (en)

Apparatus for controlling the inflow of production fluids from a subterranean well

Title (de)

Vorrichtung zur Steuerung des Zuflusses von Produktionsflüssigkeiten aus einem Bohrloch

Title (fr)

Appareil pour le contrôle du débit d'entrée de fluides de production d'un puits souterrain

Publication

**EP 1953335 A2 20080806 (EN)**

Application

**EP 08250363 A 20080130**

Priority

US 70231207 A 20070205

Abstract (en)

A fluid flow control apparatus (100) for controlling the inflow of production fluids from a subterranean well includes a fluid discriminator section (104) and a flow restrictor section (106) that is configured in series with the fluid discriminator section (104) such that fluid must pass through the fluid discriminator section (104) prior to passing through the flow restrictor section (106). The fluid discriminator section (104) is operable to autonomously restrict at least a portion of an undesired fluid type, such as water or gas, from the production fluids. The flow restrictor section (106) is operable to restrict the flow rate of the production fluids, thereby minimizing the pressure drop across the fluid discriminator section (104).

IPC 8 full level

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

CPC (source: EP US)

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Cited by

RU2713820C1; GB2476182A; WO2010019737A3

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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**US 70231207 A 20070205**; AU 2008200365 A 20080124; BR PI0800702 A 20080130; EP 08250363 A 20080130; MX 2008001730 A 20080205; SG 2008009268 A 20080201