Title (en)
Method and apparatus for completing a well

Title (de)
Verfahren und Vorrichtung zum Ausrüsten eines Bohrloches

Title (fr)
Procédé et dispositif pour la complétion de puits

Publication
EP 1319799 A1 20030618 (EN)

Application
EP 01204897 A 20011213

Priority
EP 01204897 A 20011213

Abstract (en)
A method of monitoring fluid production in a well, comprises measuring over time local parameters at a series of locations along the well, each local measurement being responsive to changes in the parameters in the region in which it is made; measuring fluid properties in the well over time downstream from the series of locations; and determining changes in the local measurements and in the measured fluid properties; and identifying locations of the formation contributing to the changes in the measured fluid properties by determining corresponding changes in the local measurements. By combining a distributed measurement made within the formation and a measurement of the fluids in the well downstream of the producing formation, it is possible to identify the location in the well at which a change has occurred in the produced fluids. Installations and completion systems for performing the method include local sensors in completion screens which can also include sealing system for shutting off flow. <IMAGE>

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E21B 43/08; E21B 47/10; E21B 43/25; E21B 47/00

IPC 8 full level
E21B 43/08 (2006.01); **E21B 43/25** (2006.01); **E21B 47/00** (2012.01); **E21B 47/10** (2012.01)

CPC (source: EP US)
E21B 43/08 (2013.01 - EP US); **E21B 43/088** (2013.01 - EP); **E21B 43/25** (2013.01 - EP); **E21B 47/10** (2013.01 - EP US)

Citation (applicant)
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Citation (search report)
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EP3565951A4

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EP 1319799 A1 20030618; **EP 1319799 B1 20060104**; AT E315165 T1 20060215; AU 2002364379 A1 20030623; AU 2002364379 A8 20030623; BR 0214639 A 20041214; BR 0214639 B1 20130424; CA 2468782 A1 20030619; CA 2468782 C 20100907; DE 60116435 D1 20060330; GB 0411356 D0 20040623; GB 2399117 A 20040908; GB 2399117 B 20060111; NO 20042952 L 20040712; NO 335820 B1 20150223; WO 03050385 A2 20030619; WO 03050385 A3 20031002

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