

Title (en)
Monitoring sand screen

Title (de)
Überwachung eines Sandfilters

Title (fr)
Surveillance d'un tamis à sable

Publication
EP 2378058 B1 20140813 (EN)

Application
EP 11159183 A 20110322

Priority
GB 201006306 A 20100415

Abstract (en)
[origin: EP2378058A2] A method to monitor the integrity of a sand screen normally comprising: (i) directing at least one electromagnetic wave towards a sand screen under controlled conditions outside of a borehole; (ii) detecting at least one reflected or emitted electromagnetic wave from said sand screen in step (i) in order to produce at least one data measurement then (a) directing at least one electromagnetic wave towards the sand screen inside a borehole; and (b) detecting at least one reflected or emitted electromagnetic wave from said sand screen inside the borehole in order to produce at least one data measurement. The method normally emits and detects alternating magnetic fields/waves using an electromagnetic logging tool and can surprisingly provide useful data on the condition of sand screens in a borehole.

IPC 8 full level
E21B 43/08 (2006.01); **E21B 47/09** (2012.01)

CPC (source: EP)
E21B 43/08 (2013.01); **E21B 47/092** (2020.05)

Cited by
CN111197471A; CN105874164A; GB2539773A; EP3152398A4; CN115450586A; US11105195B2; US10982531B2; US10487651B2; US9624766B2; WO2019245723A1; WO2015191320A1; WO2015099736A1

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