

Title (en)
Expandable sand screen

Title (de)
Erweiterbarer Sandfilter

Title (fr)
Tamis à sable expansible

Publication
EP 2947260 A1 20151125 (EN)

Application
EP 14176810 A 20140711

Priority
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Abstract (en)
The present invention provides an expandable sand screen, including an inner pipe, an intermediate pipe fixedly sleeved on the inner pipe, and an outer pipe fixedly sleeved on the intermediate pipe, where a plurality of slots is distributed on a wall of the inner pipe, the intermediate pipe is formed by a wire-like object that is wound spirally, and a plurality of holes is distributed on a wall of the outer pipe. The present invention has the following beneficial effects: The size of sand particles to be filtered can be precisely controlled; the expanded diameter increases the drainage area and reduces the oil flow resistance, increasing the daily crude oil production per well by 30-50%.

IPC 8 full level
E21B 43/10 (2006.01)

CPC (source: EP)
E21B 43/108 (2013.01)

Citation (search report)

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