

Title (en)
FORMATION SAMPLING APPARATUS

Publication
EP 0126680 B1 19880817 (EN)

Application
EP 84400946 A 19840509

Priority
US 49528383 A 19830516

Abstract (en)
[origin: EP0126680A2] An apparatus and method for taking fluid samples from earth formations surrounding a borehole while minimizing the erosion of the formations which occurs during such sample-taking, in which a specialized tool is brought into communication with the desired formation and the fluid pressure which exists within the formation prior to taking a sample is used to restrict the flow of fluids into the tool. This restriction is however opposed with a pre-determined biasing force in combination with the dynamic fluid pressure during the sample-taking process. These opposing forces control the rate of flow of formation fluids into the tool in a manner diminishing the erosion which occurs.

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E21B 49/10

IPC 8 full level
E21B 49/10 (2006.01)

CPC (source: EP)
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Cited by
EP0698722A3

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DE FR GB IT NL

DOCDB simple family (publication)
EP 0126680 A2 19841128; EP 0126680 A3 19860604; EP 0126680 B1 19880817; AU 2802684 A 19841122; AU 570462 B2 19880317; BR 8402274 A 19841226; CA 1227418 A 19870929; DE 3473490 D1 19880922; DK 242384 A 19841117; DK 242384 D0 19840516; NO 841934 L 19841119; OA 07772 A 19850830

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EP 84400946 A 19840509; AU 2802684 A 19840515; BR 8402274 A 19841116; CA 454313 A 19840515; DE 3473490 T 19840509; DK 242384 A 19840516; NO 841934 A 19840515; OA 58298 A 19840516