

Title (en)

Formation sampling apparatus.

Title (de)

Vorrichtung zur Entnahme von Flüssigkeitsproben aus Erdformationen.

Title (fr)

Dispositif d'échantillonnage de fluides de formations terrestres.

Publication

EP 0126680 A2 19841128 (EN)

Application

EP 84400946 A 19840509

Priority

US 49528383 A 19830516

Abstract (en)

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

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DOCDB simple family (publication)

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