

Title (en)

Method for optimizing the characteristics of an axial fluid flow in a variable annular space around the string

Title (de)

Verfahren zum Optimieren der Charakteristiken einer axialen Flüssigkeitströmung um die Stange, in einem variablen ringförmigen Raum

Title (fr)

Méthode pour optimiser les caractéristiques d'une circulation axiale de fluide dans un espace annulaire variable autour de tiges

Publication

EP 0677641 B1 20000712 (FR)

Application

EP 95400663 A 19950324

Priority

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Abstract (en)

[origin: EP0677641A1] A method of optimising fluid circulation characteristics in a pref. narrow annular space around a tubular element, e.g. a rod length or string with variable eccentricity caused by deformation, involves creating a flow model taking into account the varying shape of the annular space along the rod length and the actual rheological properties of the fluid, e.g. variation of viscosity with shear, in order to evaluate the velocity field and pressure at any point along the annular space. <IMAGE>

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