

Title (en)

A device for removing debris from a helical drilling tool

Title (de)

Vorrichtung zum Entfernen von Bohrklein aus einem schraubenförmigen Bohrwerkzeug

Title (fr)

Dispositif pour enlever des débris d'un outil hélicoïdal de forage

Publication

EP 0744525 B1 19990804 (EN)

Application

EP 96107255 A 19960508

Priority

IT TO950415 A 19950525

Abstract (en)

[origin: EP0744525A1] A non motor-driven device for clearing debris from a helically-shaped drilling tool (4), comprises a slide (2) freely translating on a vertical guide (1). The slide (2) is secured to a radial scraping blade (6) engaging the helical tool (4). The blade and the helical tool are operatively coupled for mutual motion such to force the blade to run along the scrolls of the helical tool, thereby causing the debris (8) deposited on the helical tool during drilling to fall off. <IMAGE>

IPC 1-7

E21B 12/06

IPC 8 full level

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CPC (source: EP)

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Cited by

CN114888001A; EP1081329A1; EP1367215A1; CN108278085A; CN116652249A; EP3446797A1; CN114452864A; US10315856B2; EP2749729A1; WO2022028955A1; US11952838B2

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EP 0744525 A1 19961127; EP 0744525 B1 19990804; DE 69603544 D1 19990909; DE 69603544 T2 20000323; ES 2136341 T3 19991116; IT 1279562 B1 19971216; IT TO950415 A0 19950525; IT TO950415 A1 19961125

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