

Title (en)

THREAD COUPLING FOR PERCUSSION DRILLING

Publication

EP 0220147 A3 19881117 (EN)

Application

EP 86850341 A 19861008

Priority

SE 8504842 A 19851017

Abstract (en)

[origin: EP0220147A2] A thread coupling for drill rods for percussion rock drilling comprising a male thread (15) and a co-operating female thread (12). The threads (12, 15) are designed internally in such a way that an essentially unchanged contact surface is maintained between the contact shoulders (16) of the threads adjacent to the thread clearance of the female thread (12) or the thread outlet of the male thread (15).

IPC 1-7

E21B 17/042; F16L 15/00

IPC 8 full level

E21B 17/042 (2006.01)

CPC (source: EP)

E21B 17/0426 (2013.01)

Citation (search report)

- [X] US 4397484 A 19830809 - MILLER HENRY W
- [X] US 1645802 A 19271018 - DAVIS LEWIS F
- [X] US 3542406 A 19701124 - METCALF IRVING R
- [Y] US 2005498 A 19350618 - HART RAYMOND S
- [AP] DE 3610880 A1 19861016 - SANTRADE LTD [CH]
- [A] US 2979993 A 19610418 - UNO HEDSTROM FRITZ

Cited by

EP0979922A3; AU746864B2; CN1095021C; US6293360B1; WO9949176A1; US10584545B2

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