

Title (en)

Thread coupling for percussion drilling.

Title (de)

Schraubverbindung zum Schlagbohren.

Title (fr)

Accouplement fileté pour forage à percussion.

Publication

EP 0220147 A2 19870429 (EN)

Application

EP 86850341 A 19861008

Priority

SE 8504842 A 19851017

Abstract (en)

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

IPC 8 full level

E21B 17/042 (2006.01)

CPC (source: EP)

E21B 17/0426 (2013.01)

Cited by

EP0979922A3; AU746864B2; CN1095021C; US6293360B1; WO9949176A1; US10584545B2

Designated contracting state (EPC)

AT DE FR GB SE

DOCDB simple family (publication)

EP 0220147 A2 19870429; EP 0220147 A3 19881117; AU 6367286 A 19870430; BR 8605070 A 19870721; CN 86107149 A 19870520; FI 864185 A0 19861016; FI 864185 A 19870418; JP S62125192 A 19870606; SE 8504842 D0 19851017; SE 8504842 L 19870418; ZA 867682 B 19870527

DOCDB simple family (application)

EP 86850341 A 19861008; AU 6367286 A 19861008; BR 8605070 A 19861016; CN 86107149 A 19861016; FI 864185 A 19861016; JP 24429486 A 19861016; SE 8504842 A 19851017; ZA 867682 A 19861008