

Title (en)  
AN EXTENSION COUPLING FOR ROCK DRILLING EQUIPMENT

Publication  
**EP 0077336 B1 19850619 (EN)**

Application  
**EP 82901041 A 19820326**

Priority  
SE 8102626 A 19810424

Abstract (en)  
[origin: WO8203653A1] An extension coupling for rock drilling equipment comprises a coupling rod (1) having a screw-threaded portion (3) with an outer thread whose diameter is smaller than the diameter of the non-threaded portion (6) of the rod, and a sleeve-like part (2) with a portion (4) having an internal screw-thread which corresponds to the outer screw-thread of the rod. The screw-like part (2) includes an extension (5) in the form of a plain skirt-like part which extends from the screw-threaded portion (4) of the sleeve-like part to the outer end thereof and which embraces a part (6) of the plain portion of the coupling rod. The skirt (5) according to the invention provides a supporting effect which reduces the occurrence of bending stresses on the coupling.

IPC 1-7  
**E21B 17/042**

IPC 8 full level  
**A21B 1/10** (2006.01); **A21B 1/28** (2006.01); **E21B 17/042** (2006.01); **F16B 21/10** (2006.01)

CPC (source: EP)  
**E21B 17/0426** (2013.01)

Designated contracting state (EPC)  
AT DE FR GB

DOCDB simple family (publication)  
**WO 8203653 A1 19821028**; AU 547091 B2 19851003; AU 8275682 A 19821104; CA 1178944 A 19841204; DE 3264233 D1 19850801; EP 0077336 A1 19830427; EP 0077336 B1 19850619; FI 77303 B 19881031; FI 77303 C 19890210; FI 824324 A0 19821216; FI 824324 L 19821216; IE 52613 B1 19871223; IE 820955 L 19821024; SE 426089 B 19821206; SE 8102626 L 19821025; ZA 822203 B 19830223

DOCDB simple family (application)  
**SE 8200091 W 19820326**; AU 8275682 A 19820326; CA 400710 A 19820408; DE 3264233 T 19820326; EP 82901041 A 19820326; FI 824324 A 19821216; IE 95582 A 19820423; SE 8102626 A 19810424; ZA 822203 A 19820331