

Title (en)

DRILLING EQUIPMENT FOR PERCUSSIVE DRILLING

Publication

**EP 0192622 A3 19871209 (EN)**

Application

**EP 86850038 A 19860207**

Priority

FI 850707 A 19850220

Abstract (en)

[origin: EP0192622A2] The invention relates to a drilling equipment (25) composed of a combination comprising an annular drill bit (10), a tubular drill rod (12) attached to the drill bit by a thread coupling, a conversion connector (14) fastened to said tubular drill rod (12), and a drill rod (13), essentially smaller in outer diameter than the tubular drill rod (12). A design in accordance with the invention provides adequate support and guiding of the drill bit and subsequently high quality of the drillhole. A smaller-diameter rod system (13) is also easy to handle by means of for instance drill rod magnetizes. The tubular drill rod (12) and the drill rod (13) are fastened to each other with the conversion connector (14). The invention also relates to the conversion connector for connecting the drill rod systems to each other.

IPC 1-7

**E21B 17/00; E21B 17/042; E21B 21/00**

IPC 8 full level

**E21B 17/00** (2006.01); **E21B 17/042** (2006.01); **E21B 21/00** (2006.01)

CPC (source: EP)

**E21B 17/00** (2013.01); **E21B 17/0426** (2013.01)

Citation (search report)

- [XD] WO 8402158 A1 19840607 - AIRAM AB OY [FI]
- [A] US 3152458 A 19641013 - SIMONIN JOSEPH E
- [A] US 3706348 A 19721219 - MURPHEY CAREY E JR
- [A] US 4310059 A 19820112 - MOORE NORMAN B
- [A] US 4427079 A 19840124 - WALTER BRUNO H [CA]
- [A] Composite catalog, vol. 1, 1984/85, page 1380; Gulf Publ. Comp., Houston, Texas, US, 'Rotary subs'

Cited by

CN104343390A; US9759020B2; EP3023575A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0192622 A2 19860827; EP 0192622 A3 19871209; FI 850707 A0 19850220; FI 850707 L 19860821**

DOCDB simple family (application)

**EP 86850038 A 19860207; FI 850707 A 19850220**