

Title (en)

METHOD AND DEVICE FOR DRIVING BORE HOLES, SPECIALLY EXPLORING AND EXTRACTION DRILLINGS IN THE SEA BOTTOM

Title (de)

VERFAHREN UND VORRICHTUNG ZUM NIEDERBRINGEN VON BOHRLÖCHERN IN DEN MEERESBODEN DURCH ANWENDUNG EINES GEGENSPÜLVERFAHRENS

Title (fr)

PROCEDE ET DISPOSITIF POUR FONCER DES FORAGES, EN PARTICULIER DES FORAGES D'EXPLORATION ET D'EXPLOITATION DANS LE FOND DE LA MER

Publication

EP 0956424 B1 20010124 (DE)

Application

EP 97951814 A 19971127

Priority

- DE 9702770 W 19971127
- DE 19651303 A 19961210
- DE 19702984 A 19970128

Abstract (en)

[origin: WO9826151A2] The invention relates to a method and a device for driving bore holes, specially exploring and extraction drillings in the sea bottom (40). According to the invention, the sea bottom is slackened by means of a rotating drilling head (10) which is fitted to the lower end of a drill string (5) designed for transmitting torque. The upper end of the drill string is mounted on a floating platform (1), wherein the drill string (5) is composed of at least two telescopically interfitting string parts (6, 7), which during a vertical movement of the platform, e.g. a movement induced by the sea swell, exert a relative movement with respect to each other so that the drilling head (10) rests with a substantially constant force on the surface to be cleared away.

IPC 1-7

E21B 7/128

IPC 8 full level

E21B 7/124 (2006.01); **E21B 7/128** (2006.01); **E21B 17/07** (2006.01); **E21B 19/08** (2006.01); **E21B 19/09** (2006.01); **E21B 21/00** (2006.01); **E21B 21/14** (2006.01); **E21B 43/29** (2006.01)

CPC (source: EP US)

E21B 7/124 (2013.01 - EP US); **E21B 7/128** (2013.01 - EP US); **E21B 17/07** (2013.01 - EP US); **E21B 19/08** (2013.01 - EP US); **E21B 19/09** (2013.01 - EP US); **E21B 21/001** (2013.01 - EP US); **E21B 21/14** (2013.01 - EP US); **E21B 43/29** (2013.01 - EP US)

Designated contracting state (EPC)

GB

DOCDB simple family (publication)

WO 9826151 A2 19980618; **WO 9826151 A3 19981001**; AU 5548398 A 19980703; AU 730041 B2 20010222; EP 0956424 A2 19991117; EP 0956424 B1 20010124; US 6422324 B1 20020723

DOCDB simple family (application)

DE 9702770 W 19971127; AU 5548398 A 19971127; EP 97951814 A 19971127; US 31965799 A 19990806