

Title (en)

Drilling device, in particular for producing blast holes in the bed of a body of water and method for inserting an explosive charge into the bed of a body of water

Title (de)

Bohrvorrichtung, insbesondere zum Erstellen von Sprenglöchern am Grund eines Gewässers, und Verfahren zum Einbringen einer Sprengladung in den Grund eines Gewässers

Title (fr)

Dispositif de forage, en particulier pour l'établissement de trous de mine sur le sol d'un cours d'eau, et procédé d'introduction d'une charge d'explosif dans le sol d'un cours d'eau

Publication

EP 2093373 B1 20100421 (DE)

Application

EP 08003200 A 20080221

Priority

EP 08003200 A 20080221

Abstract (en)

[origin: EP2093373A1] The device has a working platform (13) fixed at a floating body (10) e.g. floating pontoon. A drilling mast (30) is arranged at the platform. A drilling drive (31) e.g. percussion drive, for drilling rods is mounted at the mast in longitudinal displaced manner. A guide girder (40) e.g. lattice girder, extends in a region beneath the mast and includes a spot drilling guide (41) for the rods beneath the mast. The girder with the spot drilling guide is displaced relative to the mast and the platform in a longitudinal direction of the mast, and is positioned independent of the drilling drive. An independent claim is also included for a method for inserting an explosive charge into the bed of a water body.

IPC 8 full level

E21B 7/12 (2006.01)

CPC (source: EP)

E21B 7/122 (2013.01)

Cited by

EP2339108A1; ITTO20091021A1; US8646546B2; US11391092B2; EP3699390A3; AU2020201061B2; EP3599340B1; EP3699390B1

Designated contracting state (EPC)

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