

Title (en)

DEVICE AND METHOD FOR PRODUCING FOUNDATION ELEMENTS IN THE GROUND

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN VON BODENKÖRPERN IM UNTERGRUND

Title (fr)

DISPOSITIF ET PROCEDE POUR FABRIQUER DES ELEMENTS DE FONDATION DANS LE SOUS-SOL

Publication

**EP 1974122 B1 20100512 (DE)**

Application

**EP 07722760 A 20070119**

Priority

- EP 2007000466 W 20070119
- DE 102006002838 A 20060120

Abstract (en)

[origin: DE102006002838B3] The device has drill and jet rods (1) producing a bore hole, and a jet spray column provided in a region of the bore hole. A measuring device (14) measures diameter of the spray column and is partially integrated in the drill and jet rods. The measuring device has a longitudinally stiffened sensor unit moved between a position retracted at the drill and jet rods and a position extended into the drill and jet rods. The sensor unit is made of a fiber-reinforced material e.g. carbon fiber reinforced plastic or glass fiber reinforced plastic bar, in sections. An independent claim is also included for a method for producing and measuring a jet spray column.

IPC 8 full level

**E21B 47/08** (2012.01); **E02D 5/46** (2006.01); **E21B 7/18** (2006.01)

CPC (source: EP US)

**E02D 5/46** (2013.01 - EP US); **E21B 7/18** (2013.01 - EP US); **E21B 47/08** (2013.01 - EP US)

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DOCDB simple family (publication)

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