

Title (en)
Drill

Title (de)
Bohrvorrichtung

Title (fr)
Dispositif de forage

Publication
EP 2381036 A1 20111026 (DE)

Application
EP 10004350 A 20100423

Priority
EP 10004350 A 20100423

Abstract (en)
The drilling device has a rotary drilling bar (12) and a drilling arm (22,24) that is articulated at lower end section of the rotary drilling bar. A cutting head (26,28) is fixed at ends of the drilling arm. The cutting head is moved back and forth by positioning elements relative to a rotational axis (R) of the drilling bar. The positioning elements pivot the drilling arm. Independent claims are also included for the following: (1) a drilling method for a caisson; and (2) a caissons combination, which has a drilling device provided with drilling arm that is placed at open bases of the caissons.

Abstract (de)
Eine Bohrvorrichtung umfasst eine Bohrstange, an deren unterem Endabschnitt ein Bohrarm angelenkt ist. Am Ende des Bohrarms ist ein Schneidkopf befestigt, der relativ zu der Bohrstange verschwenkbar ist.

IPC 8 full level
E02D 23/00 (2006.01); **E21B 7/20** (2006.01)

CPC (source: EP)
E02D 23/00 (2013.01); **E21B 7/20** (2013.01)

Citation (search report)

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- [X] JP 2002004296 A 20020109 - TAKENAKA DOBOKU, et al
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2381036 A1 20111026; EP 2381036 B1 20130619; DK 2381036 T3 20130701

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EP 10004350 A 20100423; DK 10004350 T 20100423