

Title (en)

A turning arrangement for turning an elongated element, method and uses of the turning arrangement

Title (de)

Drehanordnung zum Drehen eines verlängerten Elements, Verfahren und Verwendungen des Drehelements

Title (fr)

Agencement de rotation pour faire pivoter un élément allongé, procédé et utilisations de l'agencement de rotation

Publication

**EP 2362021 A1 20110831 (EN)**

Application

**EP 10154566 A 20100224**

Priority

EP 10154566 A 20100224

Abstract (en)

A turning arrangement serves for turning an elongated element (2) from a position where the elongated element forms one angle with a horizontal plane to another position where the elongated element forms a larger angle with the horizontal plane. The turning arrangement (1) comprises a crane (4) with a first support means (11) for during the turning operation lifting a first end (11) of the elongated element, a carrier (6) with a second support means (6) for simultaneously moving the second end (5) of the elongated element (2) towards the crane (4). The turning arrangement of the invention is not furnished with other means for supporting the elongated element (2) than said first and second support means (8;6). The turning arrangement is easy and safe to operate and can handle large and heavy pipes like a foundation pile to an offshore windmill.

IPC 8 full level

**E02B 17/04** (2006.01); **E21B 19/00** (2006.01)

CPC (source: EP)

**B63B 35/003** (2013.01); **E02B 17/04** (2013.01); **E21B 19/155** (2013.01)

Citation (search report)

- [X] US 5375667 A 19941227 - TREVISANI DAVIDE [IT]
- [AD] GB 2137261 A 19841003 - TOTAL TRANSPORTATION, et al

Cited by

CN111878015A; CN106759329A; WO2017141177A1

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 RS

DOCDB simple family (publication)

**EP 2362021 A1 20110831**

DOCDB simple family (application)

**EP 10154566 A 20100224**