

Title (en)

DYNAMIC AND STATIC SUBMARINE CABLE AND MANUFACTURING METHOD THEREFOR

Title (de)

DYNAMISCHES UND STATISCHES UNTERWASSERKABEL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

CÂBLE SOUS-MARIN DYNAMIQUE ET STATIQUE ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 4207216 A4 20240410 (EN)**

Application

**EP 21940375 A 20210708**

Priority

- CN 202110559909 A 20210521
- CN 2021105165 W 20210708

Abstract (en)

[origin: EP4207216A1] The present invention provides a dynamic and static submarine cable and a method for manufacturing the same, relates to the field of submarine cable technologies, and is intended to solve a technical problem of a long production cycle of the dynamic and static submarine cable. The dynamic and static submarine cable includes: a continuous cable core, where the cable core includes a dynamic section, a static section and a transition section connecting the dynamic section and the static section; a first armor layer, which is sleeved outside the dynamic section, the static section and the transition section; a transition device, which is sleeved outside the first armor layer corresponding to the transition section; and a second armor layer, which is sleeved outside the first armor layer corresponding to the dynamic section, and has a first end covering part of the transition device and welded to an outer peripheral surface of the transition device. The dynamic and static submarine cable provided by the present invention is used for conduction and communication.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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- [YA] CA 3059844 A1 20200426 - NKT HV CABLES AB [SE]
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- See also references of WO 2022241926A1

Designated contracting state (EPC)

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