Title (en)

Semi-weathervaning anchoring system

Title (de)

Halbschwenkendes Verankerungssystem

Title (fr)

Système d'anchorage semi-pivotant

Publication

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Application

EP 97201995 A 19970701

Priority

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- EP 97201461 A 19970515

Abstract (en)

[origin: EP0878389A1] The invention relates to a vessel (1) comprising at least two anchor lines (3,5) connected respectively at a substantially fixed position near the bow (2) and near the stern (4) of the vessel. At least one of the anchor lines comprises at least two branching anchor lines each connected with one end to the anchor line in a connection point (9,10) and connected with the other end (11,12) to the seabed. By means of this system, a stable anchoring arrangement is achieved in which the sides of the vessel are easily accessible by for instance a shuttle tanker. Furthermore the system according to the invention allows for a weathervaning action through relatively small angles, for instance between 0 DEG and 90 DEG . In another embodiment according to the present invention, at least one of the anchor lines is connected to a substantially fixed position pulling system such as a winch system for lengthening or shortening the anchor lines. For providing a weathervaning action through a range of about 0 DEG and 90 DEG , the anchor lines are maintained in a tensioned state by the winch system and are varied in length. In an embodiment the winch system varies the length of the anchor lines simultaneously. The anchor lines near the bow and the stern can be formed of a single anchor line which is connected to a single winch such that the anchor line which is payed out at the bow is taken in at the stern and vice versa. <IMAGE>

IPC 1-7

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CPC (source: EP)

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