

Title (en)
HORIZONTAL SUPPORT FOR A TILTING CONVERTER AND METHOD FOR RETROFITTING A TIPPING CONVERTER

Title (de)
HORIZONTALABSTÜTZUNG FÜR EINEN KIPPBAREN KONVERTER UND VERFAHREN ZUM UMBAU EINES KIPPBAREN KONVERTERS

Title (fr)
APPUI HORIZONTAL POUR UN CONVERTISSEUR À BASCULE ET PROCÉDÉ DE TRANSFORMATION D'UN CONVERTISSEUR À BASCULE

Publication
EP 2861772 A1 20150422 (DE)

Application
EP 13724210 A 20130513

Priority

- EP 12172163 A 20120615
- EP 2013059785 W 20130513
- EP 13724210 A 20130513

Abstract (en)
[origin: EP2674503A1] Tiltable converter (1) comprises a converter vessel (2) having a converter axis (3), a supporting ring (4) exhibiting two diametrically opposite supporting pins respectively arranged on a fixed bearing side or on a loose bearing side of the supporting ring, and a suspension system for supporting the converter vessel on the supporting ring, comprising horizontal connecting elements (8) which are oriented parallel to a supporting ring plane formed by the supporting ring, and respectively with their opposite ends, act on the converter vessel or on the supporting ring in an articulated manner. Tiltable converter (1) comprises a converter vessel (2) having a converter axis (3), a supporting ring (4) which surrounds the converter vessel at a distance, and exhibits two diametrically opposite supporting pins which are respectively arranged on a fixed bearing side or on a loose bearing side of the supporting ring, and a suspension system for supporting the converter vessel on the supporting ring, comprising horizontal connecting elements (8) which are oriented parallel to a supporting ring plane formed by the supporting ring, and act respectively with their opposite ends, on the converter vessel or on the supporting ring in an articulated manner. At least two horizontal connecting elements are arranged in the region of at least one of the two supporting pins. All horizontal connecting elements which are arranged in the region of the supporting pins, are present in the same plane which in upright position of the converter vessel, when the converter axis is oriented parallel to perpendicular, is present below or above the support ring plane. An independent claim is also included for converting the tiltable converter.

IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
See references of WO 2013185991A1

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