

Title (en)
TILTING CONVERTER

Title (de)
KIPPKONVERTER

Title (fr)
CONVERTISSEUR D'INCLINAISON

Publication
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Application
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Abstract (en)
[origin: WO2014124963A1] A tilting converter comprising a container (1) defining a first axis (X); a supporting ring (2), coaxial to the container (1) and spaced apart from said container, provided with two diametrically opposite load-bearing pins (3, 4) defining a second axis (Y) orthogonal to the first axis (X), adapted to allow the converter to rotate about said second axis; first and second suspension devices, connecting said container (1) to said supporting ring (2); wherein there is provided at least one pair of first suspension devices, each first suspension device comprising a central structure, fixed to the container (1); a first lateral structure, arranged at a first side of said central structure and fixed to a surface of the supporting ring (2); a second lateral structure, arranged at a second side of said central structure, opposite said first side, and fixed to said surface of the supporting ring (2); wherein said first lateral structure and said second lateral structure respectively comprise two first support lugs (14, 15), spaced apart to each other, and a group of elastic beams (11) arranged adjacent and parallel to each other and supported at ends thereof by said two first support lugs (14, 15); and wherein said central structure comprises a second support lug (12), arranged transversally to and between the groups of elastic beams (11) of said first lateral structure and said second lateral structure. In an embodiment, a third support lug (13) is placed between the two first support lugs (14, 15).

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Citation (search report)
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Cited by
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