Title (en)

TILTABLE CONVERTER

Title (de)

KIPPBARER KONVERTER

Title (fr)

CONVERTISSEUR BASCULANT

Publication

EP 2794933 A1 20141029 (DE)

Application

EP 12798651 A 20121123

Priority

- EP 11194201 A 20111219
- EP 2012073421 W 20121123
- EP 12798651 A 20121123

Abstract (en)

[origin: EP2607501A1] Tiltable converter (1) comprises a converter container (2) that is surrounded by a supporting ring (3) at a distance, where the supporting ring has two opposite supporting pins (4) for tilting around a tilting axis. The converter container comprises four circumferentially distributed vertical pendulum elements (7) at a mounting to the supporting ring, which transfer converter forces from converter container to the supporting ring. The converter is in upright position. The bearing positions of at least two vertical pendulum elements are arranged displaced horizontally and/or vertically. Tiltable converter (1) comprises a converter container (2) that is surrounded by a supporting ring (3) at a distance, where the supporting ring has two opposite supporting pins (4) for tilting around a tilting axis. The converter container comprises four circumferentially distributed vertical pendulum elements (7) at a mounting to the supporting ring, which transfer converter forces from converter container to the supporting ring. The converter is in upright position. The bearing positions of at least two vertical pendulum elements are arranged displaced horizontally and/or vertically on the converter container and/or on the supporting ring compared to a rotationally symmetrical arrangement with respect to a longitudinal axis of the converter such that all lines of action of the forces transferred from the vertical pendulum elements, does not exhibit a common intersection point or are close to each other at a point.

IPC 8 full level

C21C 5/46 (2006.01); **C21C 5/50** (2006.01)

CPC (source: EP)

C21C 5/4633 (2013.01); **C21C 5/50** (2013.01)

Citation (search report)

See references of WO 2013092108A1

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DOCDB simple family (publication)

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