

Title (en)

METHOD OF DAMPING WIND TURBINE TOWER OSCILLATIONS

Title (de)

VERFAHREN ZUR DÄMPFUNG VON WINDTURBINENTURMSCHWINGUNGEN

Title (fr)

PROCÉDÉ D'AMORTISSEMENT DES OSCILLATIONS DE TOUR D'ÉOLIENNE

Publication

**EP 2895741 A1 20150722 (EN)**

Application

**EP 12812513 A 20121207**

Priority

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- DK 2012050450 W 20121207

Abstract (en)

[origin: WO2014040598A1] A method of damping oscillations in a wind turbine tower comprises connecting a bag of material or liquid to a tower component at a first lateral distance away from a tower wall. The bag is also suspended from the tower component by a first vertical distance. The height of the tower component is known such that the first vertical distance corresponds to a particular height within the tower. The first lateral distance, first vertical distance, and mass of the bag are such that the bag is configured to act as a pendulum counteracting a fundamental mode of vibration of the tower.

IPC 8 full level

**F03D 11/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014040598A1

Cited by

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