

Title (en)

TUNED DYNAMIC DAMPER AND METHOD FOR REDUCING THE AMPLITUDE OF OSCILLATIONS

Title (de)

ABGESTIMMTER DYNAMISCHER DÄMPFER UND VERFAHREN ZUR REDUZIERUNG DER SCHWINGUNGSSAMPLITUDE

Title (fr)

AMORTISSEUR DYNAMIQUE ACCORDE ET PROCÉDÉ POUR RÉDUIRE L'AMPLITUDE DES OSCILLATIONS

Publication

EP 3548675 A1 20191009 (FR)

Application

EP 17807865 A 20171130

Priority

- FR 1661862 A 20161202
- EP 2017081069 W 20171130

Abstract (en)

[origin: WO2018100109A1] Tuned pendular dynamic damper (1) comprising: • a set of hangers (10) to be connected in an articulated fashion to a fixed frame (2), • a mobile frame (20) borne by the hangers (10), • at least one inertial mass (30) borne by the fixed frame or the mobile frame (20), • a system for driving the inertial mass, which system is configured to convert a variation in the angle of at least one hangar with respect to the fixed frame or the mobile frame into a relative movement of the inertial mass with respect to the frame that bears it.

IPC 8 full level

E04B 1/98 (2006.01); **F16F 7/10** (2006.01)

CPC (source: EP KR RU US)

E04H 9/0215 (2020.05 - EP KR US); **F16F 7/1022** (2013.01 - EP KR RU); **F16F 7/1022** (2013.01 - US)

Citation (search report)

See references of WO 2018100109A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018100109 A1 20180607; CA 3045712 A1 20180607; EP 3548675 A1 20191009; FR 3059747 A1 20180608; FR 3059747 B1 20200327; KR 20190089972 A 20190731; RU 2719844 C1 20200423; US 2019284800 A1 20190919

DOCDB simple family (application)

EP 2017081069 W 20171130; CA 3045712 A 20171130; EP 17807865 A 20171130; FR 1661862 A 20161202; KR 20197019081 A 20171130; RU 2019116837 A 20171130; US 201716465771 A 20171130