Title (en)

MODEL-BASED METHOD FOR DESIGNING AN OSCILLATION-DAMPING DEVICE AND INSTALLATION WITH AN OSCILLATION-DAMPING DEVICE OF THIS TYPE

Title (de)

MODELLBASIERTES ENTWURFSVERFAHREN FÜR EIN PENDELDÄMPFUNGSGERÄT UND ANLAGE MIT EINEM DERARTIGEN PENDELDÄMPFUNGSGERÄT

Title (fr)

PROCEDE D'ETUDE PAR MODELISATION POUR UN DISPOSITIF ANTI-OSCILLATIONS ET INSTALLATION POURVUE D'UN TEL DISPOSITIF

Publication

EP 1088388 A1 20010404 (DE)

Application

EP 99939352 A 19990616

Priority

- DE 9901773 W 19990616
- DE 19827021 A 19980617

Abstract (en)

[origin: DE19927524A1] The method involves using a physical path model and taking account of a differential effect when designing for an improvement of the damping characteristic of the pendulum damping device in the path model. This ensures that the output signal of the pendulum damping device has a static null. The differential power and/or revolution rate effect is taken into account. The damping can be directly specified equally for all frequencies and with dynamic transfer functions for special frequency ranges using a weighting function.

IPC 1-7

H02P 9/10

IPC 8 full level

G05B 17/02 (2006.01); **H02P 9/10** (2006.01)

CPC (source: EP US)

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Citation (search report)

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