

Title (en)  
DEVICE AND METHOD FOR REDUCING LOADS

Title (de)  
EINRICHTUNG UND VERFAHREN ZUR REDUZIERUNG VON LASTEN

Title (fr)  
DISPOSITIF ET PROCÉDÉ PERMETTANT DE RÉDUIRE DES CHARGES

Publication  
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Application  
**EP 11705437 A 20110209**

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Abstract (en)  
[origin: WO2011107209A2] The invention relates to a device for reducing loads in a drive train (10 - 30) of a wind turbine, comprising a machine support (60). The wind turbine is provided with sensor means (80, 82) for detecting at least one variable characterizing vibrations and/or misalignments in the drive train (10 - 30), controllable damper means (25) for producing at least one adjusting torque which compensates at least one torque (M) associated with the load in the drive train (10 - 30), and actuating means (70) for actuating the damping means (25) based on the at least one variable detected by the sensor means. The invention also relates to a corresponding method.

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