

Title (en)

VIBRATION DAMPER FOR A TUBULAR DRIVE SHAFT

Title (de)

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Title (fr)

AMORTISSEUR DE VIBRATIONS DESTINE A UN ARBRE DE TRANSMISSION TUBULAIRE

Publication

**EP 1000271 A1 20000517 (DE)**

Application

**EP 98943782 A 19980724**

Priority

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Abstract (en)

[origin: DE19733478A1] The invention relates to a vibration damper for a tubular drive shaft in the drive train of an automobile. According to the invention, a mass body is concentrically located either in the drive shaft or in a sleeve fixed to the drive shaft, by means of at least one rubber spring element. Metal and/or rubber spring stop elements are arranged between the mass body and the sleeve, said stop elements limiting the vibration path of said mass body at least in a radial direction. Alternatively, the mass body and/or the sleeve are configured as stop elements limiting the vibration path of said mass body at least in a radial direction, in opposite areas, at least in sections. The inventive vibration damper efficiently damps the beaming movements of the drive shaft for certain frequencies without noticeably increasing the imbalance of the drive shaft in other frequency ranges.

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Citation (search report)

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DOCDB simple family (publication)

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