

Title (en)  
A VIBRATION DAMPER APPARATUS FOR DAMPING ROTATING MASSES

Title (de)  
VORRICHTUNG ZUR SCHWINGUNGSDÄMPFUNG VON ROTIERENDEN MASSEN

Title (fr)  
AMORTISSEUR DE VIBRATIONS POUR AMORTIR DES MASSES EN ROTATION

Publication  
**EP 0918957 A1 19990602 (EN)**

Application  
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Abstract (en)  
[origin: GB2326457A] The vibration damper comprises a hub 114, an inertial ring 116 and an elastomer insert 118 located there between. The damper is adapted to be fitted to a shaft of an engine and includes a pressed or spun thin walled pulley 144 for transmitting drive from the engine shaft, said pulley being mounted on the hub on a side of both said hub and said inertial ring which faces the engine. A sinuous intersection 156 provides a reaction to the leverage applied by the belt and reduces fatigue in the pulley. A power take off is attachable via tappings 136 and the elastomer insert has a radially inwardly pointing 'v' portion 152 that retains, and increases the mass of, the inertial ring.

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