

Title (en)
VIBRATION DAMPENER FOR INTERNAL COMBUSTION ENGINES

Title (de)
VIBRATIONS DÄMPFER FÜR BRENNKRAFTMASCHINE

Title (fr)
AMORTISSEUR DE VIBRATIONS POUR MOTEURS A COMBUSTION INTERNE

Publication
EP 1007831 A4 20020717 (EN)

Application
EP 98941079 A 19980827

Priority

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- US 5607897 P 19970827
- US 14039898 A 19980826

Abstract (en)

[origin: WO9910638A1] A vibration absorbing member (6a, 6b) is disposed within an annular recess (5,7) on the side of the connecting rod (1)/bearing cap assembly (4) or alternatively/additionally disposed between the crankshaft main bearing and crankshaft main bearing journal. A vibration absorbing member is preferably comprised of two pieces (6a, 6b) to fit in a recessed portion (5) of the connecting rod (1) and a recessed portion (7) of the bearing cap (4) to facilitate easy installation. The vibration absorbing member (6a, 6b) absorbs vibrations between the connecting rod (1)/bearing cap assembly (4) and the crankshaft. Similarly the vibration absorbing member (6a, 6b) absorbs vibration between the crankshaft and the engine block when disposed between the crankshaft and the crankshaft main bearing. In conventional single or multiple in-line cylinder engines the vibration absorbing members is disposed on both sides of the connecting rod and bearing cap assembly. In V-type engines with two adjacent connecting rods one of the connecting rods has a single vibration absorbing member disposed on the side of contacting the crankshaft.

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IPC 8 full level
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Citation (search report)

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- [XA] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)
- See references of WO 9910638A1

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