

Title (en)

TORSIONAL VIBRATION DAMPERS

Title (de)

TORSIONSSCHWINGUNGSDÄMPFER

Title (fr)

AMORTISSEURS DE VIBRATIONS TORSIONNELLES

Publication

EP 1129307 A1 20010905 (EN)

Application

EP 00953310 A 20000815

Priority

- GB 0003127 W 20000815
- GB 9919410 A 19990818

Abstract (en)

[origin: WO0113004A1] A torsional vibration damper (16) for use in drive lines having an input member (17) for connection with an associated engine and an output member (26) for connection with an associated driveline, these members being relatively rotatable via a support bearing (30) acting therebetween against the action of a torsional damping means to damp torsional vibrations in the associated driveline. The torsional damping means is in the form of circumferentially disposed springs (18) acting to oppose relative rotation of the input and output members and a linkage means (28, 35) interconnecting the input and output members and which generates a speed dependent damping effect. The springs and linkage means are located side by side in an axial sense. The damper may be used in combination with an Electro-magnetic combined Starter, Alternator and Damping unit (10) and in particular mounted within a rotor element (11) of such a unit.

IPC 1-7

F16F 15/131; **F16F 15/18**

IPC 8 full level

F16F 15/139 (2006.01); **F16F 15/123** (2006.01)

CPC (source: EP)

F16F 15/1232 (2013.01)

Citation (search report)

See references of WO 0113004A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0113004 A1 20010222; AU 6582400 A 20010313; EP 1129307 A1 20010905; GB 0107309 D0 20010516; GB 2358232 A 20010718; GB 9919410 D0 19991020; JP 2003507667 A 20030225

DOCDB simple family (application)

GB 0003127 W 20000815; AU 6582400 A 20000815; EP 00953310 A 20000815; GB 0107309 A 20000815; GB 9919410 A 19990818; JP 2001517067 A 20000815