

Title (en)

VIBRATION RESISTIVE STEERING WHEEL AND METHOD

Title (de)

VIBRATIONSBESTÄNDIGES LENKRAD UND VERFAHREN

Title (fr)

VOLANT DE DIRECTION RESISTANT AUX VIBRATIONS ET PROCEDE CORRESPONDANT

Publication

EP 1537001 A2 20050608 (EN)

Application

EP 03749527 A 20030909

Priority

- US 0328164 W 20030909
- US 40929002 P 20020909

Abstract (en)

[origin: WO2004022408A2] A steering wheel (310) for a motor vehicle includes a core member with a circular rim (312). At least one dampening element (314) is attached to the rim (312) and is supported and sprung in a sleeve (318) by at least one spring element (316). A method of manufacturing a steering wheel (310) is also provided, the method including steps of providing a steering wheel core member (312), and securing a sleeve (318) having at least one dampening element (314) supported and sprung therein to the core member (312). A method of optimizing vibration in a vehicle steering wheel assembly is further provided.

IPC 1-7

B62D 1/00

IPC 8 full level

B62D 1/00 (2006.01); **B62D 1/06** (2006.01); **B29C 45/14** (2006.01); **B62D 1/04** (2006.01); **F16F 7/108** (2006.01); **B29L 31/46** (2006.01)

IPC 8 main group level

B62D (2006.01)

CPC (source: EP)

B62D 1/06 (2013.01); **B62D 7/222** (2013.01); **F16F 7/108** (2013.01)

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

WO 2004022408 A2 20040318; **WO 2004022408 A3 20040701**; AU 2003268555 A1 20040329; AU 2003268555 A8 20040329; EP 1537001 A2 20050608; EP 1537001 A4 20061115; JP 2005537975 A 20051215

DOCDB simple family (application)

US 0328164 W 20030909; AU 2003268555 A 20030909; EP 03749527 A 20030909; JP 2004534781 A 20030909