

Title (en)

TRACTION MECHANISM DRIVE HAVING A VIBRATION DAMPER

Title (de)

ZUGMITTELTRIEB MIT SCHWINGUNGSDÄMPFER

Title (fr)

MÉCANISME DE TRACTION À AMORTISSEUR DES VIBRATIONS

Publication

**EP 2409050 A1 20120125 (DE)**

Application

**EP 10705330 A 20100217**

Priority

- EP 2010051991 W 20100217
- DE 102009014263 A 20090320

Abstract (en)

[origin: WO2010105883A1] The invention relates to a traction mechanism drive, in particular for an internal combustion engine, comprising a vibration damper (1) having a base part (2) and a rotary part (3) that can be rotated to a limited extent relative to said base part against the effect of an energy store (6), wherein between the base part (2) and the rotary part (3), a friction unit (8) having a friction ring (9) comprising a support element (15) and a sliding element (16) arranged radially outside of the support element (15) for forming a friction contact in relation to a friction surface (10) is effective. According to the invention, the friction ring (9) is produced in one piece from the support element (15) and the sliding element (16), wherein the support element (15) and the sliding element (16) are cast on top of each other and a positive fit (17) is effective between said support element and sliding element in the circumferential direction.

IPC 8 full level

**F16F 7/09** (2006.01); **F16H 7/12** (2006.01)

CPC (source: EP US)

**F16F 7/06** (2013.01 - EP US); **F16H 7/1218** (2013.01 - EP US); **F16H 2007/081** (2013.01 - EP US)

Citation (search report)

See references of WO 2010105883A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**DE 102009014263 A1 20100923**; **DE 102009014263 B4 20190328**; CN 102362092 A 20120222; CN 102362092 B 20150114; EP 2409050 A1 20120125; US 2012010034 A1 20120112; WO 2010105883 A1 20100923

DOCDB simple family (application)

**DE 102009014263 A 20090320**; CN 201080012969 A 20100217; EP 10705330 A 20100217; EP 2010051991 W 20100217; US 201013257635 A 20100217