

Title (en)
A TORQUE-EQUALIZING DEVICE FOR GEAR MECHANISMS

Title (de)
DREHMOMENTAUSGLEICHER FÜR GETRIEBE

Title (fr)
DISPOSITIF REGULATEUR DE COUPLE POUR ENGRENAGES

Publication
EP 0910758 A1 19990428 (EN)

Application
EP 96925219 A 19960708

Priority
SE 9600925 W 19960708

Abstract (en)
[origin: WO9801684A1] The invention refers to a torque-equalizing device for gear mechanisms, driven together and acting on the same object and preferably of the kind including two opposed plane crown wheels or so-called face gears for commonly driving a vehicle wheel or the like, and coupled together through a pair of mutually meshing pinions, one of which is connected with a driving motor mounted in the vehicle chassis or the like. For elimination tooth play in the meshing of the gears, the invention suggests that in the power train from the vehicle chassis to the pair of face gears are mounted equalizing means (21; 30; 26, 27, 28) allowing a limited relative angular movement between some of the members of said power train.

IPC 1-7
F16H 1/20; **B60K 17/14**

IPC 8 full level
B60K 7/00 (2006.01); **B60K 17/04** (2006.01); **F16H 1/20** (2006.01); **F16H 1/22** (2006.01)

CPC (source: EP)
B60K 7/0007 (2013.01); **B60K 7/0015** (2013.01); **B60K 17/043** (2013.01); **F16H 1/206** (2013.01); **F16H 1/222** (2013.01); **B60K 2007/0038** (2013.01); **B60K 2007/0092** (2013.01)

Citation (search report)
See references of WO 9801684A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9801684 A1 19980115; EP 0910758 A1 19990428

DOCDB simple family (application)
SE 9600925 W 19960708; EP 96925219 A 19960708