

Title (en)

MOVEMENT TRANSMISSION ARRANGEMENT AND CAMSHAFT PHASER COMPRISING SUCH AN ARRANGEMENT

Title (de)

GETRIEBEEINRICHTUNG UND NOCKENWELLENVERSTELLER MIT EINER SOLCHEN GETRIEBEEINRICHTUNG

Title (fr)

DISPOSITIF D'ENTRAINEMENT ET DEPHASEUR D'ARBRE A CAMES COMPRENANT UN TEL DISPOSITIF

Publication

EP 2638257 B1 20140716 (DE)

Application

EP 11748924 A 20110822

Priority

- DE 102010050814 A 20101109
- EP 2011064360 W 20110822

Abstract (en)

[origin: WO2012062491A1] A transmission device (2), in particular for a motor vehicle, comprises a drive unit (4), an output unit (12) and an adjusting unit (2), via which a phase relationship of the output unit (12) relative to the drive unit (4) can be changed. A sliding bearing (28) is formed between an inner circumferential surface (30) of the drive unit (4) and an outer circumferential surface (32) of the output unit (12), with the result that the drive unit (12) is mounted rotatably on the output unit (4). The axial installation space for the adjusting unit (2) is reduced, by the circumferential surfaces (30, 32) being of segmented configuration for forming stop elements (34, 36) for angular limitation during changing of the phase relationship and engaging positively into one another.

IPC 8 full level

F01L 1/352 (2006.01); **F01L 1/46** (2006.01)

CPC (source: EP)

F01L 1/352 (2013.01); **F01L 1/46** (2013.01); **F01L 1/16** (2013.01); **F01L 2001/34476** (2013.01)

Cited by

DE102017128423A1; DE102018128930A1; DE102017111223B3; WO2018215008A1; WO2020103971A1; DE102018128930B4; DE102021119027A1; WO2022022772A1; US11905862B2; DE102021114625A1; WO2022258109A1; DE102021114625B4

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