

Title (en)
TORQUE TRANSMITTING DEVICE

Title (de)
DREHMOMENTÜBERTRAGUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE TRANSMISSION DE COUPLE

Publication
EP 3631239 A1 20200408 (DE)

Application
EP 18729027 A 20180515

Priority
• DE 102017111930 A 20170531
• DE 2018100457 W 20180515

Abstract (en)
[origin: WO2018219395A1] Disclosed is a torque transmission device (10) which can be rotatably mounted about an axis of rotation (5), wherein: the torque transmission device (10) has a series damper (45) with a first damper unit (70), a second damper unit (75) and a coupling unit (80); the first damper unit (70) has a damper output side (100) and the second damper unit (75) has a damper input side (105); the coupling unit (80) is provided between the damper output side (100) and the damper input side (105); the coupling unit (80) has a first coupling part (170) and a second coupling part (175); the first coupling part (170) and the second coupling part (175) are offset axially in relation to one another; the first coupling part (170) connects the damper output side (100) to the second coupling part (175); and the second coupling part (175) connects the first coupling part (170) to the damper input side (105).

IPC 8 full level
F16F 15/123 (2006.01); **F16F 15/12** (2006.01)

CPC (source: EP KR US)
F16F 15/1203 (2013.01 - EP KR US); **F16F 15/1207** (2013.01 - US); **F16F 15/145** (2013.01 - KR); **F16H 45/02** (2013.01 - US); **F16F 15/145** (2013.01 - EP US); **F16F 2230/32** (2013.01 - EP KR); **F16H 2045/0226** (2013.01 - US)

Citation (search report)
See references of WO 2018219395A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018219395 A1 20181206; CN 110546399 A 20191206; CN 110546399 B 20210824; DE 102017111930 A1 20181206; DE 112018002763 A5 20200220; EP 3631239 A1 20200408; JP 2020518773 A 20200625; JP 6877584 B2 20210526; KR 102541832 B1 20230612; KR 20200013646 A 20200207; US 11499602 B2 20221115; US 2020124132 A1 20200423

DOCDB simple family (application)
DE 2018100457 W 20180515; CN 201880027078 A 20180515; DE 102017111930 A 20170531; DE 112018002763 T 20180515; EP 18729027 A 20180515; JP 2019560757 A 20180515; KR 20197033528 A 20180515; US 201816603949 A 20180515