

Title (en)
COMPACT ELECTRONICALLY CONTROLLED FRONT WHEEL DRIVE TORQUE VECTORING SYSTEM WITH SINGLE OR DUAL AXLE MODULATION

Title (de)
KOMPAKTES ELEKTRONISCH GESTEUERTES VORDERRADANTRIEBDREHMOMENTVEKTORIERUNGSSYSTEM MIT EINZEL- ODER DOPPELACHSENMODULATION

Title (fr)
SYSTÈME COMPACT DE VECTORISATION DE COUPLE D'ENTRAÎNEMENT DE ROUE AVANT À COMMANDE ÉLECTRONIQUE À MODULATION D'ESSIEU SIMPLE OU DOUBLE

Publication
EP 3194808 A4 20180314 (EN)

Application
EP 15825134 A 20150723

Priority

- US 201462029045 P 20140725
- US 201462040535 P 20140822
- US 201462040543 P 20140822
- US 201462061317 P 20141008
- US 201462078741 P 20141112
- US 201462085786 P 20141201
- US 201462090081 P 20141210
- US 2015041787 W 20150723

Abstract (en)
[origin: WO2016014827A1] A torque vectoring system constructed in accordance to one example of the present disclosure includes a differential, a first drive axle, a second drive axle, a first gear train and a second gear train. The first drive axle is operably coupled to the differential. The second drive axle is operable coupled to the differential. The first gear train is selectively driven by the differential and is configured to selectively supply a speed application from the differential to one of the first and second drive axles. The second gear train is selectively driven by the differential and is configured to selectively supply a speed reduction from the differential to one of the first and second drive axles.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [X] US 2006162980 A1 20060727 - BOWEN THOMAS C [US]
- [X] US 2012058855 A1 20120308 - STEN ERIK [SE]
- [A] JP S5989832 A 19840524 - NIPPON KOGAKU KK
- See references of WO 2016014827A1

Designated contracting state (EPC)
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US 2015041787 W 20150723; CN 201580049675 A 20150723; EP 15825134 A 20150723