

OPIC Notes de l'examen / CIPO Examination Notes

Ce document est un supplément d'information aux RRI et OE / This document is a supplement to the information contained in the ISR and WO.

1. Renseignements généraux / General Information			
No. de la demande / Application No.	PCT/CA2020/050423	Date de dépôt / Filing Date	31 March 2020 (31-03-2020)
No. de référence / Reference Number	25065-1771-711652PCT	Date de priorité / Priority Date	01 April 2019 (01-04-2019)
Déposant / Applicant	MAGNA POWERTRAIN INC.		
CIB / IPC	IPC: F16D 41/12 (2006.01), B60K 17/02 (2006.01), B60K 17/26 (2006.01), F16D 27/102 (2006.01), F16D 41/16 (2006.01)		
Titre / Title	ROTATING E-CLUTCH ASSEMBLY PROVIDING FOUR OPERATING MODES		

2. Détails de la recherche / Search Details		Ch. I
	<i>(Cocher toutes les cases pertinentes) / (check all that apply)</i>	<i>Commentaires / Comments</i>
restrictions de dates / date restrictions	<input checked="" type="radio"/> Date de dépôt / Filing <input type="radio"/> Aucune / None	<i>(détails / details)</i>
Antériorités relevées par le déposant ont été considérées / prior art noted by applicant considered	<input checked="" type="radio"/> Oui / Yes <input type="radio"/> SO / N/A	<i>(détails / details)</i>
Divulgations antérieures par le déposant et l'inventeur(s) ont été considérées / applicant and inventor(s) prior disclosures considered	<input checked="" type="radio"/> Oui / Yes <input type="radio"/> SO / N/A	<i>(détails / details)</i>

3. Documentation de la recherche / Search Documentation
(Indiquer clairement les bases de données /les outils de recherche utilisés et ajouter les chaînes de recherche/l'historique de recherche/stratégies de recherche) / (Clearly identify database(s) /search tool(s) used and append search strings/search history/search strategy)

(C)QUESTEL

Base : FAMPAT

SEARCH STRATEGY

SS Results

7 21 (CLUTCH AND OUTER RACE AND INNER RACE AND (FIRST 5D ONE-WAY CLUTCH) AND (SECOND 5D ONE-WAY CLUTCH) AND (FIRST 5D COIL) AND (SECOND COIL))/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX

6 54 (CLUTCH AND OUTER RACE AND INNER RACE AND (FIRST 5D ONE-WAY CLUTCH) AND (SECOND 5D ONE-WAY CLUTCH) AND (FIRST 5D COIL) AND (SECOND 5D COIL))/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX

5 6 (CLUTCH AND OUTER RACE AND INNER RACE AND (FIRST 5D ONE-WAY CLUTCH) AND (SECOND 5D ONE-WAY CLUTCH) AND (FIRST 5D COIL) AND (SECOND 5D COIL))/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (F16D-041/12 OR F16D-027/102 OR F16D-041/16 OR B60K-017/02 OR B60K-017/26)/IPC/CPC

4 62 (CLUTCH AND OUTER RACE AND INNER RACE AND (FIRST 5D ONE-WAY CLUTCH) AND (SECOND 5D ONE-WAY CLUTCH))/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (F16D-041/12 OR F16D-027/102 OR F16D-041/16 OR B60K-017/02 OR B60K-017/26)/IPC/CPC

3 121 (CLUTCH AND OUTER RACE AND INNER RACE AND (FIRST 5D ONE-WAY CLUTCH))/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (F16D-041/12 OR F16D-027/102 OR F16D-041/16 OR

2 549 (CLUTCH AND OUTER RACE AND INNER RACE)/TI/AB/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (F16D-041/12 OR F16D-027/102 OR F16D-041/16 OR B60K-017/02 OR B60K-017/26)/IPC/CPC

1 10136 (F16D-041/12 OR F16D-027/102 OR F16D-041/16 OR B60K-017/02 OR B60K-017/26)/IPC/CPC

4. Documents pertinents identifiés / Relevant Documents Found
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(En plus des documents cités par le RRI, d'autres documents qui pourraient s'avérer pertinents lors d'un traitement supplémentaire (p.ex., Chapitre II) peuvent être inclus. Les documents devraient être identifiés en tant que document X, Y ou A. Cependant, une explication supplémentaire de chaque document n'est pas nécessaire. / In addition to the documents cited in the ISR, other documents which may be considered relevant in further prosecution (e.g. Ch. II) may be included. Documents should be identified as either X, Y or A document, however, no further explanation of each document is necessary.)

A,P	US 2019/0226533 A1 (CIOC, A. ET AL.) 25 July 2019 (25-07-2019)	1-20
A	US 2018/0022200 A1 (TRENT, J.) 25 January 2018 (25-01-2018)	1-20
A	US 2011/0233026 A1 (PAWLEY, B.) 29 September 2011 (29-09-2011)	1-20

5. CIB additionels / Additional IPCs

NONE