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(71) Applicant: **MAGNA POWERTRAIN INC.** [CA/CA]; 50
Casmir Court, Concord, ON L4K 4J5 (CA).

(72) Inventor: **VUKOJUCIC, Dejan**; 24 McNairn Court,
Richmond Hills, ON L4C 5X1 (CA).

(74) Agent: **MARQUARDT, Matthew, J.**; Dickinson Wright
LLP, 199 Bay Street, Suite 2200, Toronto, Ontario M5L
1G4 (CA).

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MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
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[Continued on next page]

(54) Title: ONE-PIECE INERTIA RING AND METHOD OF MANUFACTURING THE ONE-PIECE INERTIA RING

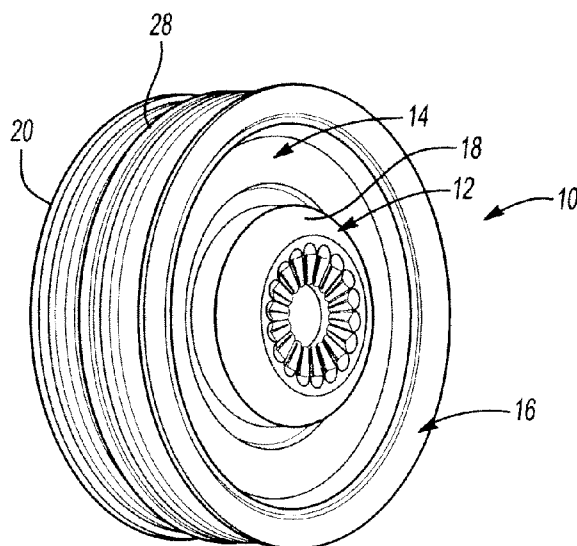


Fig-1

(57) Abstract: A harmonic damper for use in vehicular ac-
cessory drive systems. The harmonic damper includes a one-
piece inertia ring manufactured from a sheet metal blank us-
ing a cold forming process to define a series of intercon-
nected folded ring sections.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)

Questel (Orbit), Canadian Patent Database (Intellect) search terms: fold and ring and damper and pulley *and like terms*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 201054935 (SCHIERLING, B et al.) 20 May 2010 (20-05-2010) *Entire Document*	11
Y	US 2012/0094791 (LEE, B), 19 April 2012 (19-04-2012) *Entire Document*	11

☐ Further documents are listed in the continuation of Box C.	☒ See patent family annex.
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* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 30 October 2014 (30-10-2014)	Date of mailing of the international search report 04 November 2014 (04-11-2014)
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Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 001-819-953-2476	Authorized officer Daniel Burwell (819) 953-0965
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
WO2010054935A1	20 May 2010 (20-05-2010)	WO2010054935A1 CN102209859A CN102209859B DE102008043781A1 EP2347145A1 EP2347145B1	20 May 2010 (20-05-2010) 05 October 2011 (05-10-2011) 03 July 2013 (03-07-2013) 20 May 2010 (20-05-2010) 27 July 2011 (27-07-2011) 19 December 2012 (19-12-2012)
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