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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 77 0930

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X Y	EP 1 493 947 A1 (GETRAG GETRIEBE ZAHNRAD [DE]) 5 January 2005 (2005-01-05) * the whole document * -----	1-4,13 5-12	INV. F16H1/28
X Y	US 2004/053740 A1 (WODTKE HANS-WALTER [DE]) 18 March 2004 (2004-03-18) * the whole document * -----	1-4,13 5-12	
Y	US 8 016 893 B2 (NASA [US]; UNIV NORTHEASTERN [US]) 13 September 2011 (2011-09-13) * the whole document * -----	5-12	
Y	US 3 206 993 A (GUSTAV NIEMANN) 21 September 1965 (1965-09-21) * the whole document * -----	5	

TECHNICAL FIELDS SEARCHED (IPC)

B25J
F16H

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	29 August 2017	de Acha González, J

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
O : non-written disclosure
P : intermediate document

T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document

EPO FORM 1503 03.82 (P04N04)

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:

1-13

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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 14 77 0930

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-13

A gear contact system comprising a first gear with a first roller having a first roller bearing surface, and a second gear with a second roller having a second roller bearing surface, the second roller bearing surface of the second roller mating with the first roller bearing surface of the first roller at the pitch diameter of the two gears at at least a point, such that a line tangent to the point is at an angle with respect to the rotation axis of the first gear;
and a use thereof.

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2. claims: 14, 15

A method and apparatus for producing a planetary gear system.

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 14 77 0930

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

29-08-2017

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