



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 90 84 12

Classification of the application (IPC):
H01Q 1/12, H01Q 1/20, H02B 1/46

Technical fields searched (IPC):
H02G, H01Q, H02B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	JP 2004258044 A (HITACHI LTD) 16 September 2004 (2004-09-16)	1, 2
Y	* paragraph [0007] - paragraph [0021]; figures 1,7 *	6, 10
A		4, 9, 11
X	US 2015318608 A1 (TRAN TRUNG P [US] ET AL)	1-3, 5
Y	05 November 2015 (2015-11-05)	6, 10
A	* paragraph [0024] - paragraph [0027]; figure 4 *	4, 9, 11
X	US 2016013545 A1 (HASHIMOTO YASUSHI [JP])	1, 2, 5
Y	14 January 2016 (2016-01-14)	6
A	* paragraph [0089] - paragraph [0085]; figure 8 *	4, 9, 11
X	FR 3014404 A1 (PEUGEOT CITROEN AUTOMOBILES SA [FR])	1, 2, 6, 10
A	12 June 2015 (2015-06-12) * page 5 - page 8; figures 3,4 *	4, 9, 11
X	US 4819001 A (OHE JUNZO [JP] ET AL) 04 April 1989 (1989-04-04)	1, 6-8
A	* column 5 - column 8; figure 10 *	4, 9, 11
Y	US 2012218155 A1 (MERRICK MICHAEL [US] ET AL)	6, 10
A	30 August 2012 (2012-08-30) * paragraph [0028] - paragraph [0035]; figure 1 *	4, 9, 11
A	US 6351242 B1 (HESKER NORBERT [DE]) 26 February 2002 (2002-02-26)	1-11
	* column 3 - column 4; figure 3 *	

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 The Hague	Date of completion of the search 13 October 2020	Examiner Sipal, Vít
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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**ANNEX TO SUPPLEMENTARY EUROPEAN
SEARCH REPORT**

 Application number:
EP 16 90 84 12

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 13-10-2020
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