



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 90 91

Classification of the application (IPC):
B60R 25/25, B60R 25/20

Technical fields searched (IPC):
B60R, G07C

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	DE 102016120282 A1 (FORD GLOBAL TECH LLC [US]) 11 May 2017 (2017-05-11) * paragraphs [0027] - [0029]; figures 1-4 *	1-15
X	EP 2860704 B1 (U SHIN FRANCE SAS [FR]) 27 April 2016 (2016-04-27) * claim 1; figures 1,2 *	1, 10
X	EP 3025908 A1 (VALEO SCHALTER & SENSOREN GMBH [DE]) 01 June 2016 (2016-06-01) * claim 1; figure 1 *	1, 10
X	EP 3099547 B1 (HUF HUELSBECK & FUERST GMBH & CO KG [DE]) 18 July 2018 (2018-07-18) * figures 1,2 *	1, 10
X	DE 112015001401 T5 (MAGNA MIRRORS OF AMERICA INC [US]) 16 February 2017 (2017-02-16) * claim 1; figures 1-4 *	1, 10
X	DE 102016120012 A1 (U-SHIN LTD [JP]) 27 April 2017 (2017-04-27) * figure 2 *	1, 10
A	US 2014009264 A1 (SONG YOUNGWOOK [KR] ET AL) 09 January 2014 (2014-01-09) * figures 1,3 *	1-15

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 11 December 2023	Examiner Kyriakides, Leonidas
------------------------------	--	----------------------------------

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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.


**ANNEX TO SUPPLEMENTARY EUROPEAN
SEARCH REPORT**

 Application number:
EP 20 85 90 91

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 11-12-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 102016120282	A1	11-05-2017	CN	107031567 A	11-08-2017
			DE	102016120282 A1	11-05-2017
			US	2017130510 A1	11-05-2017
EP 2860704	B1	27-04-2016	CN	105636838 A	01-06-2016
			EP	2860704 A1	15-04-2015
			JP	6528030 B2	12-06-2019
			JP	2016532794 A	20-10-2016
			US	2016186480 A1	30-06-2016
			WO	2015052259 A1	16-04-2015
EP 3025908	A1	01-06-2016	DE	102014116171 A1	12-05-2016
			EP	3025908 A1	01-06-2016
EP 3099547	B1	18-07-2018	CN	105992999 A	05-10-2016
			DE	102014101208 A1	06-08-2015
			EP	3099547 A1	07-12-2016
			JP	6612781 B2	27-11-2019
			JP	2017515024 A	08-06-2017
			US	2017166164 A1	15-06-2017
			WO	2015113549 A1	06-08-2015
DE 112015001401	T5	16-02-2017	CN	106458154 A	22-02-2017
			CN	111994037 A	27-11-2020
			DE	112015001401 T5	16-02-2017
			US	2017106836 A1	20-04-2017
			US	2020216023 A1	09-07-2020
			US	2021129795 A1	06-05-2021
			WO	2015148611 A1	01-10-2015
DE 102016120012	A1	27-04-2017	CN	107023239 A	08-08-2017
			DE	102016120012 A1	27-04-2017
			JP	6649036 B2	19-02-2020
			JP	2017082394 A	18-05-2017
			US	2017114586 A1	27-04-2017
US 2014009264	A1	09-01-2014	CN	103527030 A	22-01-2014
			DE	102012113146 A1	09-01-2014
			KR	101316873 B1	08-10-2013
			US	2014009264 A1	09-01-2014