



Europäisches  
Patentamt  
European  
Patent Office  
Office européen  
des brevets

## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 83 35 29

Classification of the application (IPC):  
F21S 41/365, F21S 41/675

Technical fields searched (IPC):  
F21S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	GB 2150275 A (BOSCH GMBH ROBERT) 26 June 1985 (1985-06-26) * the whole document *	1, 2, 6, 7, 9-12
X	EP 3399226 A1 (LG INNOTEK CO LTD [KR]) 07 November 2018 (2018-11-07) * paragraphs [0029] - [0073]; figures 1-7 *	1-4, 7, 9-12
X	EP 2597360 A1 (VALEO VISION [FR]) 29 May 2013 (2013-05-29) * paragraphs [0072] - [0079]; figures 1-18 *	1, 3, 5, 8, 10-12
X	DE 102004032095 A1 (HELLA KGAA HUECK & CO [DE]; UNIV PADERBORN [DE]) 16 February 2006 (2006-02-16) * the whole document *	1-4, 6, 7, 9, 11, 12

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 Munich	Date of completion of the search 07 September 2023	Examiner Sarantopoulos, A
---------------------------	---	------------------------------

### 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 21 83 35 29

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 07-09-2023  
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
GB 2150275	A	26-06-1985	DE 3342919 A1	05-06-1985
			FR 2555706 A1	31-05-1985
			GB 2150275 A	26-06-1985
			JP S60131701 A	13-07-1985
EP 3399226	A1	07-11-2018	EP 3399226 A1	07-11-2018
			KR 20170079355 A	10-07-2017
			US 2019011100 A1	10-01-2019
			WO 2017116002 A1	06-07-2017
EP 2597360	A1	29-05-2013	EP 2597360 A1	29-05-2013
			FR 2982929 A1	24-05-2013
			JP 2013110111 A	06-06-2013
DE 102004032095	A1	16-02-2006	NONE	