



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 91 01 76

**Classification of the application (IPC):**  
H01S 3/00, H01S 3/067, H01S 3/16, G02F 1/09, H01S 3/30

**Technical fields searched (IPC):**  
H01S, G02F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<b>LI TENGFEI ET AL:</b> "Wide Bandwidth, Nonmagnetic Linear Optical Isolators based on Frequency Conversion" <i>2019 CONFERENCE ON LASERS AND ELECTRO-OPTICS (CLEO), OSA</i> , 05 May 2019 (2019-05-05), DOI: 10.23919/CLEO.2019.8750087, pages 1-2, XP033570159 * page 1, paragraph 1 - page 2, paragraph 3; figures 1,2 *	1-9
X	EP 2381543 A1 (FUJIKURA CO LTD [JP]) 26 October 2011 (2011-10-26) * paragraphs [0012], [0013], [0021] - [0051]; figures 1-8 *	1-9
X	JP 2016180844 A (FUJIKURA LTD) 13 October 2016 (2016-10-13) * paragraphs [0019] - [0039]; figures 1-3 *	1-9

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 23 November 2023	Examiner Laenen, Robert
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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

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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 23-11-2023  
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	
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			JP 5269910 B2	21-08-2013
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			US 2011286474 A1	24-11-2011
			WO 2010073645 A1	01-07-2010
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			JP 2016180844 A	13-10-2016
			KR 20160114519 A	05-10-2016
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