



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 91 43 85

Classification of the application (IPC):
H02N 2/00, H02N 2/10, H02N 2/02, H04N 23/54, H04N 23/55

Technical fields searched (IPC):
H02N, H04N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015326147 A1 (SHIMIZU KIYOSHI [JP] ET AL) 12 November 2015 (2015-11-12) * paragraph [0172] - paragraph [0179]; figure 4 * * paragraph [0148]; figures 6,7 *	1-11, 14, 15
X	US 5162692 A (FUJIMURA TAKANAO [JP]) 10 November 1992 (1992-11-10) * column 4, line 54 - column 5, line 40; figures 4(a),4(b) *	1-5, 8-15

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 16 April 2024	Examiner Gröger, Andreas
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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 16-04-2024.
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2015326147 A1	12-11-2015	CN 104956584 A	30-09-2015
		EP 2928064 A1	07-10-2015
		JP WO2014084184 A1	05-01-2017
		TW 201436446 A	16-09-2014
		US 2015326147 A1	12-11-2015
		WO 2014084184 A1	05-06-2014
US 5162692 A	10-11-1992	DE 3920726 A1	04-01-1990
		US 5162692 A	10-11-1992