# EP 4 122 005 A4

# SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 20 92 56 71

Classification of the application (IPC): H01L 21/67, H01L 21/677, H01L 21/673, H01L 21/687 Technical fields searched (IPC):

DOCUMENTS CONSIDERED TO BE RELEVANT						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim				
Y A	US 5882165 A (MAYDAN DAN [US] ET AL) 16 March 1999 (1999-03-16)  * abstract *  * pages 1-8 *  * figures 1-20 *	1, 6-8, 10 2-5, 9, 11-15				
Y A	US 6106631 A (INOUE NAOTO [JP] ET AL) 22 August 2000 (2000-08-22)  * abstract *  * claims 1-10 *  * figures 1-12 *	1, 6-8, 10 2-5, 9, 11-15				
Y A	US 2010087028 A1 (PORTHOUSE KEITH BRIAN [US] ET AL) 08 April 2010 (2010-04-08) * abstract * * claims 1-25 * * figures 1-13 *	1, 6-8, 10 2-5, 9, 11-15				
Y A	KR 20120053155 A (JUSUNG ENG CO LTD [KR]) 25 May 2012 (2012-05-25) * abstract * * claims 1-41 * * figures 1,2 *	6-8, 10 1-5, 9, 11-15				

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Date of completion of the search Place of search Examiner The Hague 28 March 2024 Lachaud, Stéphane

# **CATEGORY OF CITED DOCUMENTS**

- X: particularly relevant if taken alone
  Y: particularly relevant if
- particularly relevant if combined with another document of the same category
- technological background
- O: non-written disclosure
- &: member of the same patent family, corresponding document
- intermediate document
- theory or principle underlying the invention earlier patent document, but published on, or after the filing date
- D: document cited in the application
- 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 28-03-2024

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5882165	Α	16-03-1999	NONE		
US 6106631	A	22-08-2000	JP JP US	3386986 B2 H11124675 A 6106631 A	17-03-2003 11-05-1999 22-08-2000
US 2010087028	A1	08-04-2010	TW US WO	201027784 A 2010087028 A1 2010042577 A2	16-07-2010 08-04-2010 15-04-2010
KR 20120053155	Α	25-05-2012	NONE		