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SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 19 90 23 31

Classification of the application (IPC): B23K 26/00

Technical fields searched (IPC): B23K

DOCUMENTS CONSIDERED TO BE RELEVANT							
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim					
х	US 2017270434 A1 (TAKIGAWA HIROSHI [JP] ET AL) 21 September 2017 (2017-09-21) * paragraphs [0053], [0057], [0061], [0062] - [0067], [0070], [0073]; claims *	1-8					

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

Date of completion of the search 22 August 2022

Examiner Caubet, J

The Hague

CATEGORY OF CITED DOCUMENTS

- X: particularly relevant if taken alone
 Y: particularly relevant if taken alone
- 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 document cited in the application E:
- D:
- L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN **SEARCH REPORT**

Application number: EP 19 90 23 31

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 22-08-2022

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			JP JP	6625914 B2 2017164801 A	25-12-2019 21-09-2017
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