SUPPLEMENTARY EUROPEAN SEARCH **REPORT**

Application number: EP 21 81 39 83

Classification of the application (IPC): G09F 3/00, G06K 19/077, G09F 3/03, G09F 3/10, G06K 19/04, G09F 3/02 Technical fields searched (IPC): G09F, G06K

DOCUMENTS CONSIDERED TO BE RELEVANT						
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim				
X	JP 2009230490 A (TOPPAN PRINTING CO LTD) 08 October 2009 (2009-10-08) * abstract; figures 1-2 * * paragraphs [0007] - [0009], [0013] - [0018] *	1-8				
X	US 2019244501 A1 (FAVIER ALAIN [FR]) 08 August 2019 (2019-08-08) * paragraphs [0037], [0039], [0045] * * figures 1-8 *	1-8				
Х	US 2019138864 A1 (REYLAND PAUL [US] ET AL) 09 May 2019 (2019-05-09) * paragraphs [0044] - [0046], [0060] - [0062] * * figures 1-8 *	1-8				

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 16 October 2023 Zanna, Argini

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
- document cited in the application
- L: document cited for other reasons

EP 4 160 574 A4



ANNEX TO SUPPLEMENTARY EUROPEAN **SEARCH REPORT**

Application number: EP 21 81 39 83

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 16-10-2023

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Patent document in search repo		Publication date	Patent family member(s)		Publication date
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US 2019244501	A1	08-08-2019	CN EP US WO	111902594 A 3749820 A1 2019244501 A1 2019152676 A1	06-11-2020 16-12-2020 08-08-2019 08-08-2019
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