

SUPPLEMENTARY EUROPEAN SEARCH REPORT

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Classification of the application (IPC): *G06F 16/955, G06F 13/00*

Technical fields searched (IPC): G06F

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
x	US 2017257475 A1 (ZONG LIANG [CN] ET AL) 07 September 2017 (2017-09-07) * paragraphs [0002], [0003], [0007], [0020], [0021], [0027], [0028], [0031], [0049] - [0052], [0060] - [0064], [0069], [0077], [0085] * * figures 1, 2, 4, 5 *	1-15			
x	US 2015358495 A1 (HASHIMOTO TAKAHIRO [JP]) 10 December 2015 (2015-12-10) * paragraphs [0010], [0038], [0040] - [0049], [0100] - [0112], [0144], [0146], [0151] - [0167] * * figures 1, 7, 9B, 10, 11 *	1-15			
Х	US 2013250358 A1 (SUZUKI RYOICHI [JP]) 26 September 2013 (2013-09-26) * paragraphs [0074] - [0090], [0098], [0110] - [0127] * * figures 6, 10-12, 15, 16, 18, 19 *	1-15			

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

& : member of the same patent family, corresponding document

Place of search The Hague	Date of completion of the search 13 May 2022	Examiner Martínez Espuche, F							
CATEGORY OF CITED DOCUMENTS									
X: particularly relevant if taken alone Y : particularly relevant if combined with another	P: intermediate docum T: theory or principle u								
document of the same category		nent, but published on, or after the filing date							
A: technological background	D: document cited in the	ne application							
O: non-written disclosure	L: document cited for	other reasons							

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EP 3 882 778 A4



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number: EP 18 94 03 51

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 13-05-2022 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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