



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 74 21 43

Classification of the application (IPC):

G06N 5/02, G06F 21/50, G06F 21/51, G06F 21/53, G06F 21/54, G06F 21/55,
G06F 21/56, G06F 21/57, G06F 16/33, G06F 8/30

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 2014310001 A1 (KALNS EDGAR T [US] ET AL) 16 October 2014 (2014-10-16) * paragraphs [0025], [0033] - [0036], [0048], [0071], [0072], [0078], [0081], [0092] - [0095], [0104], [0106], [0114], [0118]; figures 1,4-8,11 *	1-15
X	US 2015279366 A1 (KRESTNIKOV KONSTANTIN [RU] ET AL) 01 October 2015 (2015-10-01) * paragraphs [0053] - [0011], [0255]; figures 4,6-7 *	1-15
X A	US 2015149182 A1 (KALNS EDGAR A [US] ET AL) 28 May 2015 (2015-05-28) * paragraphs [0011] - [0012], [0019], [0053]; figures 1-5 *	1 2-15

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 Munich	Date of completion of the search 08 August 2019	Examiner Veillas, Erik
---------------------------	--	---------------------------

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

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 74 21 43

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 08-08-2019
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014310001 A1	16-10-2014	US 2014310001 A1	16-10-2014
		US 2014310002 A1	16-10-2014
		US 2019130915 A1	02-05-2019
US 2015279366 A1	01-10-2015	RU 2014111971 A	10-10-2015
		US 2015279366 A1	01-10-2015
		WO 2015147702 A1	01-10-2015
		WO 2016159961 A1	06-10-2016
US 2015149182 A1	28-05-2015	NONE	