



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 91 11 09

Classification of the application (IPC):
G06V 40/16

Technical fields searched (IPC):
G06F, G06V

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2015078630 A1 (DERAKHSHANI REZA R [US] ET AL) 19 March 2015 (2015-03-19) * paragraph [0024] - paragraph [0163]; figures 1-5 *	1-15
X	US 6154559 A (BEARDSLEY PAUL ANTHONY [US]) 28 November 2000 (2000-11-28) * column 7, line 7 - column 12, line 13; figures 1-12 *	1-15

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 The Hague	Date of completion of the search 28 June 2024	Examiner Thibault, Guillaume
------------------------------	--	---------------------------------

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 20 91 11 09

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 28-06-2024.
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 2015078630	A1	19-03-2015	BR 112016005604 A8	18-02-2020
			CN 104823203 A	05-08-2015
			CN 110048832 A	23-07-2019
			CN 110084013 A	02-08-2019
			EP 3047425 A1	27-07-2016
			HK 1213670 A1	09-09-2016
			JP 6353910 B2	04-07-2018
			JP 6651565 B2	19-02-2020
			JP 6774580 B2	28-10-2020
			JP 2016538661 A	08-12-2016
			JP 2018092684 A	14-06-2018
			JP 2020074183 A	14-05-2020
			KR 20160064138 A	07-06-2016
			KR 20180045054 A	03-05-2018
			MY 176966 A	28-08-2020
			US 8965066 B1	24-02-2015
			US 2015186721 A1	02-07-2015
			US 2017140204 A1	18-05-2017
			WO 2015039084 A1	19-03-2015
US 6154559	A	28-11-2000	EP 0990416 A1	05-04-2000
			JP 3178527 B2	18-06-2001
			JP 2000113186 A	21-04-2000
			US 6154559 A	28-11-2000