



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 95 42 90

Classification of the application (IPC):
G06Q 40/08, G06Q 50/10, G06Q 10/06, G07C 5/02

Technical fields searched (IPC):
G06Q

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2016225095 A1 (BIEMER EDWARD A [US] ET AL) 04 August 2016 (2016-08-04) * abstract *	1-7

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 03 April 2024	Examiner Weidmann, Matthias
---------------------------	---	--------------------------------

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 95 42 90

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 03-04-2024.
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 2016225095	A1	04-08-2016	CA 2975085 A1 04-08-2016
		EP 3251074 A1 06-12-2017	
		EP 4016435 A1 22-06-2022	
		JP 6678680 B2 08-04-2020	
		JP 2018503925 A 08-02-2018	
		US 9390452 B1 12-07-2016	
		US 2016275623 A1 22-09-2016	
		US 2016275624 A1 22-09-2016	
		US 2016275625 A1 22-09-2016	
		US 2017103467 A1 13-04-2017	
		US 2017116678 A1 27-04-2017	
		US 2020357076 A1 12-11-2020	
		US 2023325932 A1 12-10-2023	
		WO 2016122880 A1 04-08-2016	