



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 17 82 75 03

Classification of the application (IPC):  
G06Q 10/06, G06Q 10/08, G06Q 10/10

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	EP 2254291 A1 (HITACHI LTD [JP]) 24 November 2010 (2010-11-24) * paragraph [0009] *	1-10
X	US 2005228987 A1 (WADA SACHIKO [JP]) 13 October 2005 (2005-10-13) * paragraph [0057] * * paragraph [0008] *	1-10

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 07 November 2019	Examiner Kirchler, Dominik
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### 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                                    |

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 07-11-2019  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 2254291 A1	24-11-2010	CN 101894312 A	24-11-2010
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		JP 5140034 B2	06-02-2013
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