

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Classification of the application (IPC): G06F 16/29, G06F 16/583, G06K 9/46, G06Q 50/16, G06N 3/04 Technical fields searched (IPC): G06F, G06K, G06Q

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	No further relevant documents disclosed		

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 Berlin	Date of completion of the search 28 November 2019	Examiner Haffner, Ronald		
CATEGORY OF CITED DOCUMENTS				
X: particularly relefant if taken alone Y : particularly relefant if combined with anothe	P: intermediate documen r T: theory or principle und			

- document of the same category
- A: technological background
- O: non-written disclosure
- & : member of the same patent family, corresponding document
- E: D: document cited in the application
- L: document cited for other reasons

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