



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 90 44 26

Classification of the application (IPC):

G06F 21/50, G06F 21/12, G06F 21/44, G06F 21/57, G06F 21/64, G06F 21/78,
H04L 9/30, H04L 9/32, H04L 29/06

Technical fields searched (IPC):

G06F, H04L

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2004064457 A1 (ZIMMER VINCENT J [US] ET AL) 01 April 2004 (2004-04-01) * paragraph [0050] - paragraph [0085]; figures 4,7,8 *	1-15
X	US 2014089651 A1 (YAO JIEWEN [CN] ET AL) 27 March 2014 (2014-03-27) * paragraph [0042] - paragraph [0057]; figures 3,4 *	1, 4, 7-10, 12, 14, 15
A		2, 3, 5, 6, 11, 13
A	US 2013152180 A1 (NAIR RAJ [US] ET AL) 13 June 2013 (2013-06-13) * paragraph [0021] - paragraph [0027] *	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 Munich	Date of completion of the search 28 February 2019	Examiner Jardak, Christine
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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 28-02-2019
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2004064457	A1	01-04-2004	NONE		
US 2014089651	A1	27-03-2014	US	2014089651 A1	27-03-2014
			US	2016110546 A1	21-04-2016
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