



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 84 52 93

Classification of the application (IPC):
G06N 10/00

Technical fields searched (IPC):
G06N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 2005167658 A1 (GINGRICH R M; WILLIAMS C P) 04 August 2005 (2005-08-04) * page 1 - page 8; figure 1 *	1, 3-5 2
X A	US 2014187427 A1 (MACREADY WILLIAM G [CA] ET AL) 03 July 2014 (2014-07-03) * paragraph [0064] - paragraph [0101] *	2, 4, 5 1, 3
T	Zachary B Walters: "A linear time quantum algorithm for 3SAT using irreversible quantum operations", 28 September 2015 (2015-09-28) URL: https://arxiv.org/pdf/1510.00409v6.pdf [retrieved on 25 March 2019 (2019-03-25)] XP055574547 * the whole document *	1-5
A	GREENWOOD G W: "Finding solutions to NP problems: philosophical differences between quantum and evolutionary search algorithms" <i>EVOLUTIONARY COMPUTATION, 2001. PROCEEDINGS OF THE 2001 CONGRESS ON MAY 27-30, 2001, PISCATAWAY, NJ, USA, IEEE, 27 May 2001 (2001-05-27), vol. 2, ISBN: 978-0-7803-6657-2, pages 815-822, XP010551884</i> * Section 3 *	1-5

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 02 April 2019	Examiner Klasen, TJ
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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 02-04-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2005167658	A1	04-08-2005	NONE	
US 2014187427	A1	03-07-2014	CA 2840958 A1	10-01-2013
			EP 2729903 A1	14-05-2014
			US 2014187427 A1	03-07-2014
			US 2016042294 A1	11-02-2016
			WO 2013006836 A1	10-01-2013