



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 87 65 94

Classification of the application (IPC):
G06F 8/41, G06F 8/30, G06F 7/00, G06F 9/445, G06F 16/2453

Technical fields searched (IPC):
G06F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2014365533 A1 (DEBRAY SAUMYA K [US] ET AL) 11 December 2014 (2014-12-11) * paragraph [0004] * * paragraph [0041] * * paragraph [0047] * * paragraph [0055] - paragraph [0056] * * paragraph [0087] * * paragraph [0102] - paragraph [0125] * * paragraph [0148] * * paragraph [0219] - paragraph [0222] * * paragraph [0262] * * paragraph [0410] - paragraph [0415] * * paragraph [0421] - paragraph [0424] * * paragraph [0445] - paragraph [0446] * * table 3.1 * * figures 2, 27 *	1-9
Y	GRANT B ET AL: "DYC: AN EXPRESSIVE ANNOTATION-DIRECTED DYNAMIC COMPILER FOR C" <i>THEORETICAL COMPUTER SCIENCE</i>, AMSTERDAM, NL, 06 October 2000 (2000-10-06), vol. 248, no. 1/02, DOI: 10.1016/S0304-3975(00)00051-7, ISSN: 0304-3975, pages 147-199, XP001159775 * page 156, line 1 - line 4 * * page 158, line 27 - line 30 * * figure 6 *	1-9

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 17 June 2019	Examiner Eigner, Robert
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CATEGORY OF CITED DOCUMENTS

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| 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 |
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	GRAEFE G ET AL: "The Volcano optimizer generator: extensibility and efficient search" <i>PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON DATA ENGINEERING. VIENNA, APR. 19 - 23, 1993; [PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON DATA ENGINEERING], LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, 19 April 1993 (1993-04-19), vol. CONF. 9, DOI: 10.1109/ICDE.1993.344061, ISBN: 978-0-8186-3570-0, pages 209-218, XP010095521</i> * abstract * * page 209, right-hand column, line 36 - page 210, left-hand column, line 9 *	1-9
A	US 2013054649 A1 (POTAPOV DMITRY M [US] ET AL) 28 February 2013 (2013-02-28) * paragraph [0007] - paragraph [0010] * * paragraph [0028] - paragraph [0056] * * paragraph [0066] - paragraph [0068] * * figures 1, 2A, 2B, 6A, 6B, 7 *	1-9

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 17 June 2019	Examiner Eigner, Robert
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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-9

The subject-matter of this invention is directed to a method for field specialization broadening which solves the technical problem of enlarging the optimization scope for runtime code creation, eventually arriving at smaller and faster code.

2. claims: 10-15

The subject-matter of this invention is directed to a method for reducing cache pressure which solves the technical problem of reducing the number of cache misses.

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-9

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 17 June 2019	Examiner Eigner, Robert
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ANNEX TO SUPPLEMENTARY EUROPEAN
SEARCH REPORT

Application number:
EP 16 87 65 94

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 17-06-2019
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2014365533	A1	11-12-2014	CA	2860223 A1	27-06-2013
			EP	2795484 A1	29-10-2014
			JP	6234935 B2	22-11-2017
			JP	6491725 B2	27-03-2019
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			US	2014365533 A1	11-12-2014
			WO	2013096894 A1	27-06-2013
US 2013054649	A1	28-02-2013	NONE		

For more details about this annex: see Official Journal of the European Patent Office, No. 12/82

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