

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. Claim: 2 (in full); 1 (in part)  
Implementation for identifying nodes of a graph
2. Claims: 3-9 (in full); 1 (in part)  
Implementation for modifying a graph

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: **2 (in full); 1 (in part)**

- Remark on Protest**
- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AT2018/060192

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
G06F17/30		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
EPO-Internal		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DANIEL ARCHAMBAULT ED - MATTAUSCH O ET AL. "Structural differences between two graphs through hierarchies" <i>GRAPHICS INTERFACE 2005 : PROCEEDINGS ; VICTORIA, BRITISH COLUMBIA, 9 - 11 MAY 2005. CANADIAN INFORMATION PROCESSING SOCIETY, 403 KING STREET WEST, SUITE 205 TORONTO, ONT. M5U 1L5 CANADA, 25 May 2009 (2009-05-25), pages 87-94</i> ISSN: 0713-5424, ISBN: 978-1-56881-337-0. XP058200170 abstract page 88, right-hand column, paragraph 7 - paragraph 8	1, 2
A	Sergey Melnik. "Models" In: Generic Model Management, Berlin/Heidelberg, : Springer-Verlag , page 19, 032288, 14 June 2004 (2004-06-14), ISBN: 978-3-540-21980-4. XP055517335 page 19, paragraph 2	2
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search		Date of mailing of the international search report
19 October 2018		15 January 2019
Name and mailing address of the ISA/EP		Authorized officer
<b>European Patent Office</b> <b>p.b. 5818, Patentlaan 2, 2280 HV Rijswijk</b> <b>Netherlands</b> Telephone No. (+31-70)340-2040 Facsimile No. (+31-70)340-3016		<b>Rameseder, Jonathan</b>  Telephone No.