METHOD AND SYSTEM FOR AUTOMATIC INFORMATION EXCHANGE

A method and system for automatic information exchange includes a processor (12) and a memory (18) coupled to the processor (12) and operable to store a model (42). The model (42) includes a plurality of objects (44) where each of the plurality of objects (44) includes an input variable and an output variable. The system (10) also includes a loading engine (30) residing in the memory (18) and executable by the processor (12). The loading engine (30) is operable to automatically create object links between corresponding input variables and output variables of each of the plurality of objects (44). The system (10) may also include an update engine (32) residing in the memory (18) and executable by the processor (12). The update engine (32) is operable to sequentially update each of the plurality of objects (44) to obtain an output variable value for each of the plurality of objects (44).
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Declaration under Rule 4.17:
— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F9/54 G06F9/44

According to International Patent Classification (IPC) or to both national classification and IPC.

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC 7 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 practical, search terms used)
EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
<tr>
<td>A</td>
<td>CATHERINE BAYOL: &quot;Une approche structurelle et comportementale de la modélisation pour la vérification de composants VLSI&quot; THÈSE DE DOCTORAT DE L'UNIVERSITÉ JOSEPH FOURIER - GRENOBLE I, 12 December 1995 (1995-12-12), XP002200774 Grenoble, France page 54, line 1 - last line page 77, line 1 - page 81, last line page 83, line 21 - page 101, last line</td>
<td>1-31</td>
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<tr>
<td>A</td>
<td>FR 2 689 260 A (NUM SA) 1 October 1993 (1993-10-01) the whole document</td>
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Date of the actual completion of the international search: 31 May 2002

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Name and mailing address of the ISA:
European Patent Office, P.B. 5816 Palatina 2 NL - 2280 HJ Rivwijk
Tel: (+31-70) 340-2040, Tx: 31 651 epc nl, Fax: (+31-70) 340-3016

Authorized officer: Éclevet, S.
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