Rg. 3

Start

Define RDF schema item

Receive resource information

Set associated relationship by extracting attribute information based on RDF schema item

Store information whose associated relationship is set

End

Title: METHOD AND SERVER FOR CONSTRUCTING KNOWLEDGE BASE

Abstract: The present invention relates to a method and server for constructing a knowledge base. According to the method, a schema item is defined. When resource information, including at least one of a file, a difficulty and an arrival goal, is input, identifiers unique to the resource information are created, and the created identifiers are assigned to the resource information. Pieces of attribute information are extracted from the input resource information by analyzing the resource information. An associated relationship between the respective pieces of extracted attribute information is set based on the defined schema item. The set associated relationship is stored. Accordingly, difficulty information about specific resources of field experts, knowledge about a research sequence with respect to lower element fields of a current field, and so on can be directly expressed in the knowledge base.

**Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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PCT/KR2008/007437

A. CLASSIFICATION OF SUBJECT MATTER

G06F 17/40(2006.01)i

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: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975
JAPANESE UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS (KIPO internal), IEEExplore, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Category</th>
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<th>Relevant to claim No.</th>
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<td>A</td>
<td>US 5806060 A (BORGIDA et al.) 8 September 1998 See Abstract; FIG 2, 4; column 4, line 55 - column 6, line 29</td>
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☐ Further documents are listed in the continuation of Box C.  ☒ See patent family annex.

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<tr>
<td>US 5806060 A</td>
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