Title: SYSTEM AND METHOD FOR ANALYZING AND IMPROVING A DISCOURSE ENGAGED IN BY A NUMBER OF INTERACTING AGENTS

Abstract: A computerized method of analyzing a discourse engaged in by a plurality of interacting agents (401, 402) includes measuring a first set of prosodic features (451, 452) associated with the discourse and, at least partially based on the first set of measured prosodic features (451, 452), determining a target set of prosodic features that are likelier to be associated with a target state and/or characteristic of the discourse than the first set of prosodic features (451, 452). The method optionally includes providing the agents (401, 402) with feedback (431, 432) aimed as steering the discourse toward a desirable outcome. Optionally, the method includes imposing a constraint on a subset of the agents (401, 402) to force a behavioral modification (495) upon the subset of the agents (401, 402) to increase the likelihood of the desirable outcome.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: G10L 11/00

USPC: 704/270,270.1,275
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)
   U.S.: 704/270,270.1,275

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)
   East text search

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>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 6,723,679 B1 (STRUBBE et al) 27 April 2004 (27.04.2004), see col.8, lines 30 - 65; col.11, lines 1 - 10, and 59 - 67</td>
<td>1 - 4, 7 - 15, 17 - 22, 24, 26, 27, 29 - 47</td>
</tr>
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<td>Y</td>
<td>CHOUDHURY et al. Learning Communities: Connectivity and Dynamics of Interacting Agents, July 2003, pages 1 - 6</td>
<td></td>
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</tbody>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 19 November 2006 (19.11.2006)

Date of mailing of the international search report: 22 FEB 2007

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