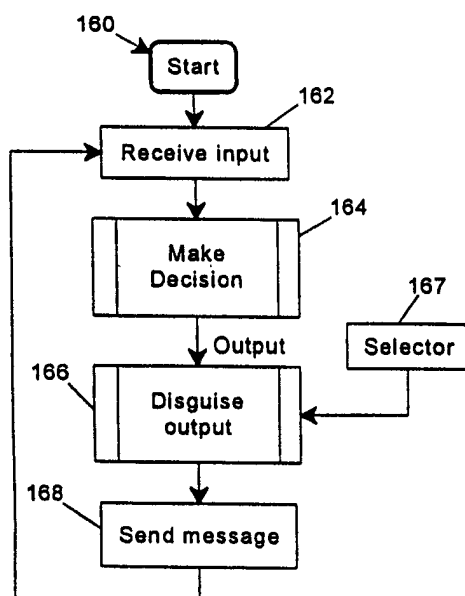




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: APPARATUS AND METHOD FOR COMMUNICATING BETWEEN AN INTELLIGENT AGENT AND CLIENT COMPUTER PROCESS USING DISGUISED MESSAGES



## (57) Abstract

An intelligent agent (42) and its client (10) communicate using a selector known by both parties to generate and interpret messages and thereby effectively disguise confidential information transmitted in the messages from third parties. Moreover, a neural network is used to implement the decision logic and/or the message disguising functions of an agent (42) such that the logic employed in such functions is not readily reverse compiled or scanned by third parties.


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International application No.  
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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(6) :G06F 13/00 US CL :395/200.32; 380/43 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) U.S. : 395/200.32, 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) APS, IEEE		
<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 ----- A	KERSTEN ET AL., Negotiation in Distributed Artificial Intelligence: Drawing from Human Experience, IEEE, 1994, pages 258-269, especially pages 262-263 and 265-267.	1-2, 19-21 ----- 3-18, 22-30
A	OLIVER, On Artificial Agents for Negotiation in Electronic Commerce, IEEE, 1996, pages 337-345.	3-18, 22-30
A	BILLARD, Effects of Group Size on Goal-Directed Agents in Distributed Environments, IEEE, 1995, pages 3403-3408.	3-18, 22-30
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