

Title (en)

HUMANOID ROBOT EQUIPPED WITH A NATURAL DIALOGUE INTERFACE,METHOD FOR CONTROLLING THE ROBOT AND CORRESPONDING PROGRAM

Title (de)

HUMANOIDER ROBOTER MIT EINER NATÜRLICHEN DIALOGSCHNITTSTELLE, VERFAHREN ZUR STEUERUNG DES ROBOTERS UND ENTSPRECHENDES PROGRAMM

Title (fr)

ROBOT HUMANOIDE DOTE D'UNE INTERFACE DE DIALOGUE NATUREL, PROCEDE DE CONTROLE DU ROBOT ET PROGRAMME CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2012010437A1] The invention relates to a humanoid robot equipped with an interface for natural dialogue with an interlocutor. In the prior art, the methods of dialogue between humanoid robots equipped, moreover, with developed movement functionalities and human beings are limited particularly by the voice and visual recognition processing capabilities with which it is possible to fit said robots. The present invention equips said robots with capabilities for removing doubt from several methods of communication for the messages which they receive and for combining these different methods, which allow a great improvement in the quality and the natural character of the dialogues with those with whom the robots are speaking. The invention likewise provides simple and user-friendly means for implementing the programming of the functions which allow the free flow of these dialogues using multiple methods to be ensured.

IPC 8 full level

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