

Title (en)

INTERACTIVE LEARNING SYSTEM USING ROBOT AND METHOD OF OPERATING THE SAME IN CHILD EDUCATION

Title (de)

INTERAKTIVES LERNSYSTEM MIT EINEM ROBOTER UND VERFAHREN ZUM BETRIEB DESSELBEN BEI DER KINDERAUSBILDUNG

Title (fr)

SYSTÈME D APPRENTISSAGE INTERACTIF UTILISANT UN ROBOT ET SON PROCÉDÉ DE FONCTIONNEMENT POUR L ÉDUCATION DES ENFANTS

Publication

EP 2321817 A4 20130417 (EN)

Application

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- KR 20090057392 A 20090626

Abstract (en)

[origin: WO2009157733A1] An interactive learning system using a robot includes an input unit (10) that inputs a signal using a sensor for sensing a figure and voice of a child and teaching material and inputs content used to teach a child or inputs a signal when directly touched by a child, a CPU (20) that determines an action corresponding to a signal input through the input unit (10) and controls elements to progress of a teaching process, a data table (30) that provides control data called by the CPU (20) when a signal input with respect to a child is generated in the CPU (20), and a drive unit (40) that receives a control signal and drives an audio unit, a video unit and a motor of the robot to perform robot activities required for learning when the CPU (20) transmits the control signal based on the control data of the data table (30). A method of operating the same is also disclosed.

IPC 8 full level

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CPC (source: EP KR)

A63H 3/28 (2013.01 - EP KR); **G09B 5/06** (2013.01 - KR); **G09B 7/02** (2013.01 - EP); **G09B 19/00** (2013.01 - KR); **A63H 2200/00** (2013.01 - EP)

Citation (search report)

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- [A] WO 2006062274 A1 20060615 - RIVALKOREA CO LTD [KR], et al
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DOCDB simple family (application)

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