

Title (en)
TOY INTERACTING WITH THE ENVIRONMENT THEREOF

Title (de)
MIT SEINER UMGEBUNG INTERAKTIVES SPIELZEUG

Title (fr)
JOUET INTERACTIF AVEC SON ENVIRONNEMENT

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Application
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Abstract (en)
[origin: WO03061799A1] The invention relates to a toy comprising a plurality of interfaces, sensors and/or actuators, connected to the environment thereof with which said toy interacts. The toy further comprises an articulated external shell, a central unit (1) particularly for control of the interaction of the toy with the environment thereof, a plurality of sensors and/or actuators (9, 10, 11, 12), a range of accessories and bodies for movement of said toy. According to the invention, the central unit (1) is managed by a computer to bring about reactions of the toy as a function of passed events, time and input parameters made up of the signals transmitted to the central unit by the different sensors. The toy also comprises at least one vocabulary module (20), a sensor interpretation unit controlled by the central unit (1) and the programme thereof, for bringing about the emitting of sounds, words or phrases selected on the electronic card of the vocabulary module (20) and for the activation of movement bodies selected by the programme as a function of the environment of the toy and stimuli recorded by the different sensors said sensor interpretation unit being operated by means of actuators located in the body of the toy.

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