

Title (en)
Artificial intelligence robot toy and control method thereof

Title (de)
Spielzeugrobot mit künstlicher intelligenz und kontrolverfahren

Title (fr)
Robot juet d'intelligence artificielle et procédé de commande

Publication
EP 1616607 A1 20060118 (EN)

Application
EP 04015550 A 20040701

Priority
EP 04015550 A 20040701

Abstract (en)
Disclosed is an artificial intelligence robot toy that can be easily assembled and controlled in various shapes by using one kind of joint motor. The robot toy includes: a plurality of joint mechanism parts (40) assemblable and disassemblable to form various shapes of robots; a master main-processor unit board (10) provided in one of the plurality of joint mechanism parts (40), for outputting a robot control signal such that another joint mechanism part (40) has a predetermined operation pattern; a plurality of joint control means (20) respectively provided in the remaining joint mechanism parts (40) other than the selected joint mechanism part, for transmitting and receiving data to and from the master main-processor unit board (10) while operating the corresponding joint mechanism parts (40) by using at least one pattern, based on the operation pattern of the master main-processor unit board (10) and joint means (52, 56, 57) for coupling the plurality of joint mechanism parts (40) so as to form the various shapes of robots.

IPC 8 full level
A63H 11/10 (2006.01); **B25J 9/08** (2006.01)

CPC (source: EP)
A63H 11/10 (2013.01); **A63H 2200/00** (2013.01)

Citation (search report)
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