

Title (en)

Realistic coordinating of specific body part movements in mechanical toys

Title (de)

Realistische Koordination von spezifischen Körperteilbewegungen in mechanischen Spielsachen

Title (fr)

Coordination réaliste de mouvements d'une partie du corps spécifique dans des jouets mécaniques

Publication

EP 1790403 A1 20070530 (EN)

Application

EP 06124392 A 20061120

Priority

- US 74061305 P 20051129
- US 55273206 A 20061025

Abstract (en)

A realistic electro-mechanical toy that can replicate lifelike resting and active positions and movements of animals and other creatures while they are supported on a surface as well as when they are picked up by a user by coordinating the positioning and movement of specific body parts. To this end it is regarded that through observation of real live animals, the animals are seen to drop down or droop their legs when they are picked up off a supporting surface. Cats in particular can easily be shown to drop down or droop their legs in what looks like a relaxed and non-flexing position when they are picked up from a supporting surface. An upper limb portion (22) facilitates extension of an intermediate limb portion (24) when the upper limb portion is in its extended position, and retracts the intermediate limb portion when the upper limb portion is in its resting position with a biased joint (30) positioning the intermediate limb portion (24) to its extended position when the body is elevated away from a supporting surface. Accordingly the limbs of the present invention provides for emulating this drop down or drooping leg positioning by overriding the retracting function of each limb portion when the body is elevated from a supporting surface providing a realistic drop down leg feature in each limb.

IPC 8 full level

A63H 11/18 (2006.01); **A63H 13/02** (2006.01)

CPC (source: EP US)

A63H 11/20 (2013.01 - EP US); **A63H 13/02** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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DOCDB simple family (publication)

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