

Title (en)

Movement mechanism particularly for toys

Title (de)

Bewegungsmechanismus insbesondere für Spielzeuge

Title (fr)

Mécanisme de mouvement particulièrement pour jouets

Publication

**EP 0743083 A2 19961120 (EN)**

Application

**EP 96107358 A 19960509**

Priority

IT MI950999 A 19950517

Abstract (en)

A movement mechanism for toys, particularly to move the legs of a doll or a puppet with an alternating angular movement similar to walking, comprises a body (12) revolving around a first axis (a) and comprising a worm wheel (18) having integral eccentric side pulleys, angularly offset from each other. A control rod (24, 26) is constrained to each pulley by having an end revolving on the periphery of the pulley, an extension of the rod sliding within a slot or fulcrum (30, 32). Rotation of the worm wheel sets the rods in motion with an angular movement offset angularly for one rod and the other. Each rod is advantageously made of metal wire, which at the end constrained to the pulley forms a loop or ring sliding freely around the pulley. <IMAGE>

IPC 1-7

**A63H 11/00**

IPC 8 full level

**A63H 11/18** (2006.01); **A63H 31/02** (2006.01)

CPC (source: EP)

**A63H 11/18** (2013.01); **A63H 31/02** (2013.01)

Cited by

EP0879625A1; US6146235A; EP1005886A1; WO0117631A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0743083 A2 19961120**; **EP 0743083 A3 19970108**; **EP 0743083 B1 20000412**; AT E191655 T1 20000415; DE 69607677 D1 20000518; DE 69607677 T2 20000810; ES 2146338 T3 20000801; IT 1274516 B 19970717; IT MI950999 A0 19950517; IT MI950999 A1 19961117

DOCDB simple family (application)

**EP 96107358 A 19960509**; AT 96107358 T 19960509; DE 69607677 T 19960509; ES 96107358 T 19960509; IT MI950999 A 19950517