

Title (en)
ARTICULATED WALKING TOY DEVICE

Title (de)
MIT GELENKEN AUSGESTATTETES GEHENDES SPIELZEUGGERÄT

Title (fr)
DISPOSITIF JOUET ARTICULÉ QUI MARCHE

Publication
EP 2012894 A2 20090114 (EN)

Application
EP 07776825 A 20070504

Priority

- US 2007010991 W 20070504
- US 79778106 P 20060504
- US 91571907 P 20070503

Abstract (en)
[origin: WO2007130665A2] An articulated walking device, configured for movement across a surface, includes a frame and a plurality of leg assemblies movably coupled with the frame so as to at least partially support the frame for movement across the surface. Each leg assembly includes a leg member configured to rotate with respect to the frame about a joint. The joint is formed by a pin passed through an hour glass shaped aperture to provide rotational movement of the leg member with respect to the frame about at least first and second axes of rotation intersecting in the joint. A drive mechanism is operatively engaged with the plurality of leg assemblies so as to actuate each of the leg members to rotate about the first and second axes in a like, predetermined, repeatable cycle of movement. At least some of the leg members are out of phase with other leg members to produce an anatomic-like gait of the toy device upon actuation of the drive mechanism.

IPC 8 full level
A63H 11/20 (2006.01)

CPC (source: EP)
A63H 11/205 (2013.01)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007130665 A2 20071115; WO 2007130665 A3 20081113; CA 2651008 A1 20071115; CA 2651008 C 20120703; EP 2012894 A2 20090114; EP 2012894 A4 20111019; EP 2012894 B1 20121205; MX 2008014106 A 20081114

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