

Title (en)
BALL-SHAPED PLAY EQUIPMENT

Title (de)
BALLFÖRMIGES SPIELGERÄT

Title (fr)
EQUIPEMENT DE JEU EN FORME DE BALLE

Publication
EP 1466653 A4 20091111 (EN)

Application
EP 02786118 A 20021217

Priority
• JP 0213176 W 20021217
• JP 2001383672 A 20011217

Abstract (en)
[origin: EP1466653A1] A ball-shaped play equipment which can output speech corresponding to a shock and cab be played in various ways. The ball-shaped play equipment includes a conversion unit (30) for converting external speech into first speech data, a first recording unit (54) for recording the first speech data, a detection unit (58) for detecting the shock applied to the ball-shaped play equipment, and a reproduction unit (40) for outputting speech according to the first speech data recorded in the first recording unit (54) when the detection unit (58) detects a shock. Here, at least one of the conversion unit (30) and the first recording unit (54) operates when an operation signal is received and may further include an operation unit (20) operable from outside and a signal transmission unit (52) for transmitting an operation signal to at least one of the conversion unit and the first recording unit according to the operation applied to the operation unit (20). <IMAGE>

IPC 1-7
A63B 43/00; **A63H 5/00**; **A63H 33/18**

IPC 8 full level
A63B 37/00 (2006.01); **A63B 43/00** (2006.01); **A63H 5/00** (2006.01); **A63H 33/00** (2006.01); **G10K 15/04** (2006.01)

CPC (source: EP US)
A63B 43/00 (2013.01 - EP US); **A63H 5/00** (2013.01 - EP US); **A63H 33/18** (2013.01 - EP US); **A63B 2071/063** (2013.01 - EP US); **A63B 2208/12** (2013.01 - EP US); **A63B 2220/803** (2013.01 - EP US)

Citation (search report)
• [I] US 6227933 B1 20010508 - MICHAUD FRANCOIS [CA], et al
• [IP] CA 2341134 A1 20011228 - VIRTUAL TOY HOUSE LLC [US]
• See references of WO 03051467A1

Citation (examination)
US 6227933 B1 20010508 - MICHAUD FRANCOIS [CA], et al

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1466653 A1 20041013; **EP 1466653 A4 20091111**; AU 2002354190 A1 20030630; CA 2472897 A1 20030626; CN 1426823 A 20030702; JP 2003180881 A 20030702; JP 3554848 B2 20040818; US 2005043125 A1 20050224; WO 03051467 A1 20030626

DOCDB simple family (application)
EP 02786118 A 20021217; AU 2002354190 A 20021217; CA 2472897 A 20021217; CN 02104651 A 20020210; JP 0213176 W 20021217; JP 2001383672 A 20011217; US 49959504 A 20040802