

Title (en)  
DOLL SYSTEM WITH RESONANT RECOGNITION

Title (de)  
PUPPENSYSTEM MIT RESONANZERKENNUNG

Title (fr)  
SYSTÈME DE POUPÉE À RECONNAISSANCE SONORE

Publication  
**EP 2001570 A4 20110706 (EN)**

Application  
**EP 07754292 A 20070326**

Priority  

- US 2007007749 W 20070326
- US 78546406 P 20060324
- US 72822207 A 20070323

Abstract (en)  
[origin: WO2007112124A2] A doll system is disclosed that may detect objects or accessories that are proximate to the body of the doll. The system may differentiate between a plurality of accessories and generate sounds that are appropriate for the specific accessory. The doll body may have a sensor circuit with an inductor connected to a processor. The accessory may include a tank circuit. A drive signal in the sensor circuit may activate the tank circuit to generate a signal with a frequency. The tank signal circuit may generate a characteristic signal in the sensor circuit that is detected by the processor. An audio file may be selected from memory based on the characteristics of the detected signal.

IPC 8 full level  
**A63H 30/00** (2006.01); **A63F 9/24** (2006.01); **A63F 13/02** (2006.01)

CPC (source: EP US)  
**A63H 3/28** (2013.01 - EP US); **A63H 3/36** (2013.01 - EP US); **A63H 2200/00** (2013.01 - EP US)

Citation (search report)  

- [XY] US 2004214642 A1 20041028 - BECK STEPHEN C [US]
- [Y] FR 2575934 A1 19860718 - MIZOULE HENRI [FR]
- [A] US 2005003733 A1 20050106 - RITTER JANICE [US], et al
- [A] FR 2594041 A1 19870814 - JONES LAWRENCE T [US]
- [A] KR 20020013601 A 20020221 - NEO I C TECH CO LTD [KR]
- See references of WO 2007112124A2

Citation (examination)  
US 6361396 B1 20020326 - SNYDER DON [US], et al

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

DOCDB simple family (publication)  
**WO 2007112124 A2 20071004; WO 2007112124 A3 20081002**; CA 2646353 A1 20071004; CA 2646353 C 20120717;  
CN 101448554 A 20090603; CN 101448554 B 20120815; EP 2001570 A2 20081217; EP 2001570 A4 20110706; MX 2008012125 A 20081218;  
US 2008014830 A1 20080117

DOCDB simple family (application)  
**US 2007007749 W 20070326**; CA 2646353 A 20070326; CN 200780018373 A 20070326; EP 07754292 A 20070326;  
MX 2008012125 A 20070326; US 72822207 A 20070323