Title (en)

DIRECT MANUAL EXAMINATION OF REMOTE PATIENT WITH VIRTUAL EXAMINATION FUNCTIONALITY

Title (de)

DIREKTE MANUELLE UNTERSUCHUNG EINES ENTFERNTEN PATIENTEN MIT VIRTUELLER UNTERSUCHUNGSFUNKTION

Title (fr)

AUSCULTATION MANUELLE DIRECTE A DISTANCE A FONCTIONNALITES VIRTUELLES, D'UN PATIENT

Publication

EP 1551294 A4 20061018 (EN)

Application

EP 03713315 A 20030127

Priority

- US 0302660 W 20030127
- US 27456902 A 20021018

Abstract (en)

[origin: CA2496047A1] A simulator assembly (600) for simulating the tactile response of an item is disclosed. The simulator assembly includes a playback module (602) having sensory modulation subunits (636) operable to exert a force in response to a n input signal. A tactile playback assembly (800) for translating input signal s into tactile sensations upon a user is also provided. The tactile playback assembly includes a playback garment (806) having sensory modulation subunit s adapted to generate a force upon a user in response to an input signal. An imaging exam assembly (900) for palpating a body and obtaining images of the body is also disclosed. An ultrasonic imaging system is further disclosed. A device for remotely conducting a direct manual examination of a patient is disclosed. A method of imparting tactile sensations to a body of a user is disclosed. A method of recording tactile data is disclosed.

IPC 1-7

A61B 5/103; A61B 5/117

IPC 8 full level

A61B 5/00 (2006.01); **A61B 8/00** (2006.01); **A61B 8/08** (2006.01); **G06F 3/00** (2006.01); **G06F 3/01** (2006.01); **G09B 23/28** (2006.01)

CPC (source: EP)

A61B 5/0002 (2013.01); **A61B 5/7475** (2013.01); **A61B 8/08** (2013.01); **A61B 8/565** (2013.01); **G06F 3/011** (2013.01); **G06F 3/016** (2013.01); **G09B 23/28** (2013.01)

Citation (search report)

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- [A] US 5555894 A 19960917 - DOYAMA YOSHIAKI [JP], et al
- [A] WO 0228271 A2 20020411 - OMBRELLARO MARK P [US]
- See references of WO 2004037084A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

AU 2003217273 A1 20040513; AU 2003217273 B2 20070802; AU 2003217273 C1 20040513; CA 2496047 A1 20040506; CA 2496047 C 20120327; CA 2764614 A1 20040506; CA 2764614 C 20160823; CN 100399993 C 20080709; CN 101099667 A 20080109; CN 1688252 A 20051026; EP 1551294 A1 20050713; EP 1551294 A4 20061018; JP 2005342504 A 20051215; JP 2006502818 A 20060126; JP 4414931 B2 20100217; JP 4611742 B2 20110112

DOCDB simple family (application)

AU 2003217273 A 20030127; CA 2496047 A 20030127; CA 2764614 A 20030127; CN 03824356 A 20030127; CN 200710141177 A 20030127; EP 03713315 A 20030127; JP 2004546649 A 20030127; JP 2005127047 A 20050425