

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

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- 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)

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Citation (search report)

- [A] US 5509810 A 19960423 - SCHERTZ MITCHELL [US], et al
- [A] US 5555894 A 19960917 - DOYAMA YOSHIKI [JP], et al
- [A] WO 0228271 A2 20020411 - OMBRELLARO MARK P [US]
- See references of WO 2004037084A1

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