

Title (en)

SENSING AND RECORDING CONSUMPTION OF MEDICAL ITEMS DURING MEDICAL PROCEDURE

Title (de)

MESSUNG UND AUFZEICHNUNG DES VERBRAUCHS VON MEDIZINISCHEN ARTIKELN WÄHREND EINES MEDIZINISCHEN VERFAHRENS

Title (fr)

DÉTECTION ET ENREGISTREMENT DE CONSOMMATION D'ARTICLES MÉDICAUX DURANT UNE PROCÉDURE MÉDICALE

Publication

**EP 3066638 A4 20170607 (EN)**

Application

**EP 14861083 A 20141028**

Priority

- US 201361900064 P 20131105
- US 201461993578 P 20140515
- US 201462007601 P 20140604
- US 201414504859 A 20141002
- US 2014062627 W 20141028

Abstract (en)

[origin: WO2015069496A1] An apparatus senses and records consumption of medical items during performance of a medical procedure. The medical items are enclosed in wrappers having RFID tags in which medical item information is encoded. The apparatus includes a shielded enclosure that attenuates radio frequency signals emanated from RFID tags disposed outside the shielded enclosure to levels that are substantially undetectable within the internal space. RFID antennas inside the shielded enclosure receive radio frequency signals from RFID tags on wrappers that are removed from used items and placed inside the enclosure. An RFID reader decodes the item information encoded in the RFID tags. A medical item inventory module including generates a post-op list of medical items consumed during the medical procedure. Item billing information and usage trend information may be derived from the post-op list. Also, Latex alerts and item expiration alerts may be generated based on information encoded in the RFID tags.

IPC 8 full level

**G06Q 10/08** (2012.01); **G16H 40/20** (2018.01)

CPC (source: EP US)

**G06Q 10/087** (2013.01 - EP US); **G16H 40/20** (2017.12 - EP US); **G06Q 10/10** (2013.01 - EP US)

Citation (search report)

- [A] US 6812838 B1 20041102 - MALONEY WILLIAM C [US]
- See references of WO 2015069496A1

Designated contracting state (EPC)

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