



- (51) International Patent Classification:
A61B 5/02 (2006.01) *A61B 5/1455* (2006.01)
A61B 5/0295 (2006.01)
- (21) International Application Number:
PCT/SG2012/000007
- (22) International Filing Date:
5 January 2012 (05.01.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/010,705 20 January 2011 (20.01.2011) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report (Art. 21(3))

(54) Title: A SENSING DEVICE, A METHOD OF PREPARING A SENSING DEVICE AND A PERSONAL MOBILE SENSING SYSTEM

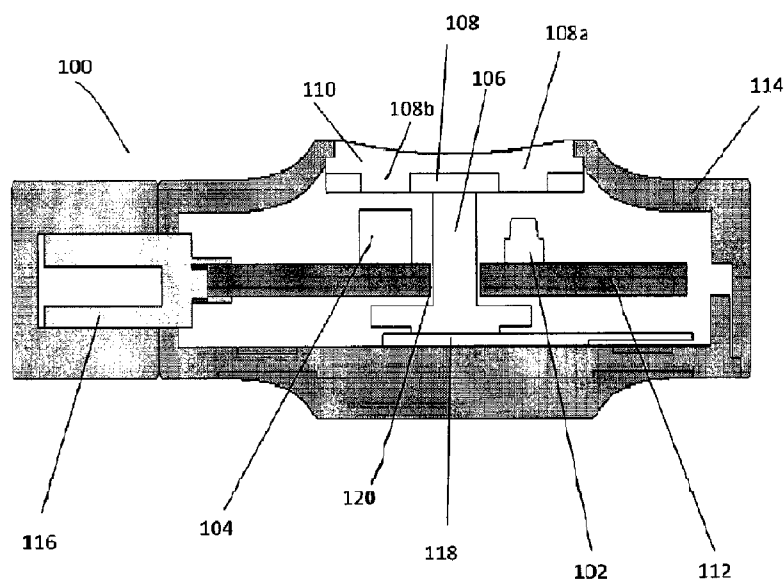


FIG. 1A

(57) Abstract: There is provided a sensing device comprising an electromagnetic wave emitter for emitting electromagnetic waves to a surface; an electromagnetic wave detector for detecting the emitted electromagnetic waves that are reflected from the surface; and a force transmitting member configured to transmit a force applied thereto for detection, wherein the force transmitting member is positioned relative to the electromagnetic wave emitter and electromagnetic wave detector to substantially prevent waves emitted by the electromagnetic wave emitter from traveling directly to the electromagnetic wave detector.