

(21) Application No: 1907127.3
(22) Date of Filing: 21.10.2016
Date Lodged: 20.05.2019
(86) International Application Data:
PCT/CA2016/051223 En 21.10.2016
(87) International Publication Data:
WO2018/072003 En 26.04.2018

(51) INT CL:
A61B 34/20 (2016.01) A61B 34/00 (2016.01)
A61B 90/00 (2016.01)
(56) Documents Cited:
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(58) Field of Search:
INT CL A61B
Other: Canadian Patent Database, Questel-Orbit
(FAMPAT)

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(54) Title of the Invention: **Methods and systems for providing depth information**
Abstract Title: **Methods and systems for providing depth information**

(57) Methods and systems for outputting depth data during a medical procedure on a patient. Depth data is outputted, representing at least one of relative depth data and general depth data. Tracking information about the position and orientation of a medical instrument and depth information about variations in depth over a site of interest are used. Relative depth data represents the depth information relative to the position and orientation of the instrument. General depth data represents the depth information over the site of interest independently of the position and orientation of the instrument.

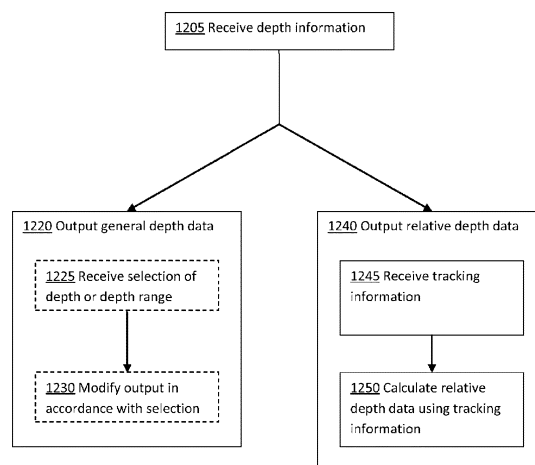


FIG. 12