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(54) **INTRAORAL X-RAY SENSOR WITH EMBEDDED STANDARD COMPUTER INTERFACE**

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This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

An intraoral x-ray sensor including a sensor housing and a universal serial bus (USB) data cable. The sensor housing has an opening. The USB data cable includes an outer sheath and a first data line, a second data line, a ground line, a power line, and at least two independent fillers positioned within the outer sheath. In one embodiment, at least two lines selected from the group including the first data line, the second data line, the ground line, and the power line are twisted together to form a single bundle. The opening receives the data cable.

12 Claims, 8 Drawing Sheets

