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Sauer et al.(10) **Pub. No.: US 2020/0051257 A1**(43) **Pub. Date: Feb. 13, 2020**(54) **SCAN ALIGNMENT BASED ON
PATIENT-BASED SURFACE IN MEDICAL
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Princeton Junction, NJ (US)(21) Appl. No.: **16/058,067**(22) Filed: **Aug. 8, 2018****Publication Classification**(51) **Int. Cl.**
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2207/30096 (2013.01); **A61B 8/5253** (2013.01)(57) **ABSTRACT**

Imaging from sequential scans is aligned based on patient information. A three-dimensional distribution of a patient-related object or objects, such as an outer surface of the patient or an organ in the patient, is stored with any results (e.g., images and/or measurements). Rather than the entire scan volume, the three-dimensional distributions from the different scans are used to align between the scans. The alignment allows diagnostically useful comparison between the scans, such as guiding an imaging technician to more rapidly determine the location of a same lesion for size comparison.

