Docket #: S06-410

CT - Raw Data Normalization in Inverse Geometry CT

A method for imaging an object in a computed tomography (CT) system with a plurality of sources comprising a first source and a second source, wherein the plurality of sources together with a detector array are mounted on a rotatable gantry, and wherein an intensity of the second source has unknown fluctuations is provided. Projection data is collected using the first source in a first gantry position. Projection data is collected using the second source in a second gantry position, wherein projection data from the first source in the first gantry position substantially overlaps projection data from the second source in the second gantry position. Data from the first source at the first gantry position is used to correct for source fluctuations of the second source at the second gantry position.

Patents

- Published Application: 20100124310
- Issued: 7,860,210 (USA)

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