Docket #: S05-051

Scatter Correction Algorithm for X-ray and Volumetric CT

Scatter radiation in an x-ray imaging system including an x-ray source and an x-ray detector is separated by using amplitude modulation to translate the spatial frequency of a detected x-ray beam to a higher frequency and provide separation from low frequency scatter signal. The low frequency content of the detected x-ray beam is then obtained by demodulating the detected modulated signal.

Patents

- Published Application: 20070268997
- Issued: 7,463,712 (USA)

Innovators

- Lei Zhu
- Rebecca Fahrig

Licensing Contact

Jon Gortat

Licensing & Strategic Alliances Director for Physical Science

Email