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](20070268997)
- Issued: [7,463,712 (USA)](7,463,712)

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