



Hybrid Detection Systems And Methods For C-Arm Interventional X-Ray Systems

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The Invention

Hybrid detection systems and methods for C-arm interventional x-ray systems are provided. The hybrid detection system can have a changeable x-ray detection system that is coupled to an integrated within a C-arm x-ray imaging system. The changeable x-ray detector system can include an energy-integrating x-ray detector, and a photon-counting x-ray detector. The C-arm x-ray imaging system using only one detector at a time to acquire x-ray imaging data.

Additional Information

For More Information About the Inventors

- [Ke Li](#)

Publications

- [Ji X., Feng M., Treb K., Zhang R., Schafer S. and Li K. 2021. Development of an integrated C-arm interventional imaging system with a strip photon counting detector and a flat panel detector. IEEE Transactions on Medical Imaging. doi: 10.1109/TMI.2021.30](#)

Tech Fields

- [Medical Imaging : X-ray.](#)

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