

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

View U.S. Patent No. 11,517,274 in PDF format.

WARF: P200258US01

Inventors: Ke Li

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

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846

