

Title (en)
METHODS AND SYSTEMS FOR THERMAL CAPACITY PREDICTION OF MEDICAL IMAGING DEVICES

Title (de)
VERFAHREN UND SYSTEME ZUR VORHERSAGE DER WÄRMEKAPAZITÄT VON MEDIZINISCHEN BILDGEBUNGSVORRICHTUNGEN

Title (fr)
PROCÉDÉS ET SYSTÈMES DE PRÉDICTION DE CAPACITÉ THERMIQUE DE DISPOSITIFS D'IMAGERIE MÉDICALE

Publication
EP 4330985 A1 20240306 (EN)

Application
EP 23766154 A 20230310

Priority

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- CN 2023080948 W 20230310

Abstract (en)
[origin: WO2023169577A1] A method implemented on at least one machine each of which has at least one processor and at least one storage device for thermal capacity prediction of a medical imaging device is provided. The method comprising: obtaining a first target prediction model, the first target prediction model including a machine learning model; obtaining property information of a tube of the medical imaging device and working status information of the medical imaging device, the working status information including a current thermal capacity of the tube and one or more scanning parameters; and determining a target predicted thermal capacity of the tube at a preset time point by processing, based on the first target prediction model, the property information and the working status information.

IPC 8 full level
G16H 40/40 (2018.01)

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