

ABSTRACT OF THE DISCLOSURE

A predetermined number of sectional planes are successively scanned, starting with a sectional plane in an initial position, by shifting a direction of X-ray emission from an X-ray emitting device. A reset operation is effected, after scanning the predetermined number of sectional planes, to switch the direction of X-ray emission to scan a sectional plane in the initial position. An examinee is moved synchronously with the reset operation to set a new sectional plane adjacent the predetermined number of sectional planes to the initial position. A predetermined number of sectional planes are successively scanned, starting with the new sectional plane in the initial position, by shifting the direction of X-ray emission from the X-ray emitting device. After scanning the predetermined number of sectional planes, a reset operation is effected and the examinee is moved to set a new sectional plane adjacent the predetermined number of sectional planes to the initial position. These operations are repeated until all sectional planes are scanned.

