

Title (en)

MEDICAL IMAGING UNIT FOR DETECTING A MOVING BODY PART OF A PATIENT

Title (de)

MEDIZINISCHE BILDERZEUGUNGSEINHEIT ZUR ERFASSUNG EINES SICH BEWEGENDEN KÖRPERTEILS EINES PATIENTEN

Title (fr)

ENSEMBLE D'IMAGERIE MÉDICALE DE DÉTECTION D'UNE PARTIE EN MOUVEMENT DU CORPS D'UN PATIENT

Publication

EP 2869762 A1 20150513 (FR)

Application

EP 13756528 A 20130626

Priority

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Abstract (en)

[origin: WO2014006278A1] The invention relates to a medical imaging unit and to a device (1) for detecting the position of a moving body part of the patient. The detection device includes a management module (30) including electronic and electrical components, including a differential pressure sensor (37) which is connected to a measurement device generating a differential pressure that is representative of the rate of respiration of the patient, the management module being arranged so as to at least: acquire and process data generated by the differential pressure sensor (37) in order to generate data representative of the tidal volume and in order to generate an outgoing digital synchronization signal (42); receive an incoming digital synchronization signal (41); and generate an outgoing digital signal (40) of data representative of the tidal volume which is temporally consistent with one of the two synchronization signals (41, 42).

IPC 8 full level

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CPC (source: EP KR US)

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