

Title (en)

SYSTEMS AND METHODS FOR COMPRESSIVE SENSE IMAGING

Title (de)

SYSTEME UND VERFAHREN ZUR KOMPRIMIERENDEN ERFASSUNGSBILDGEBUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS PERMETTANT UNE IMAGERIE COMPRESSIVE

Publication

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Application

EP 15741629 A 20150616

Priority

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- US 2015035979 W 20150616

Abstract (en)

[origin: WO2015200038A1] Systems and methods for compressive sense imaging are provided. In one aspect, a system and method is provided for determining at least one kernel matrix based on the relative motion of an object during a time period corresponding to the acquisition of one or more compressive measurements of the object. An uncompressed image of the object is generated using the compressive measurements using a reconstruction basis matrix that is different from the compressive basis matrix used to acquire the compressive measurements of the object. To compensate for the relative motion of the object, the reconstruction basis matrix is determined based on the at least one kernel matrix and the compressive basis matrix.

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