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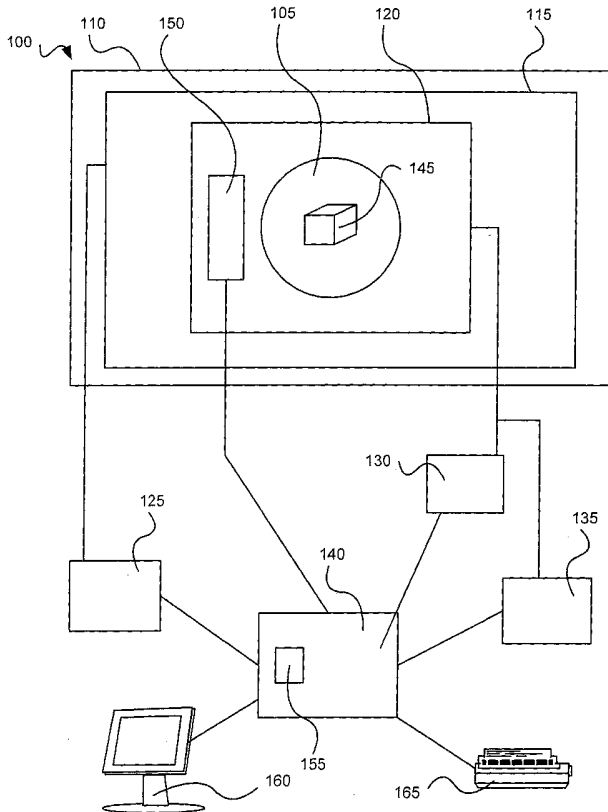
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(54) Title: MOVING TARGET MAGNETIC RESONANCE IMAGING SYSTEM AND METHOD



(57) Abstract: A system and method for imaging
an object that takes into account movement of the
object in producing an MR image. A system may in-
clude a target volume location sensor for determin-
ing a location of an object being imaged. A mov-
ing-target algorithm may use the location informa-
tion and other image information to match appro-
priate data to construct an image of the object. A
moving-target algorithm may use the location infor-
mation to provide instruction on changing a gradi-
ent field of an imaging system to account for a lo-
cation of an object.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 324/318, 309, 307, 322; 600/424, 410, 411, 422

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 West 2.3; USPT, USOC, PGPB, EPAB, JPAB, DWPI, TDBD

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,534,982 B1 (JAKAB) 18 March 2003 (18.03.2003), See entire reference, all figures and the abstract.	1-32

Further documents are listed in the continuation of Box C. See patent family annex.

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