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(54) Title: IMPLANTABLE MEDICAL DEVICE CONFIGURED FOR DETECTING A PRESENCE OF AN MRI DEVICE

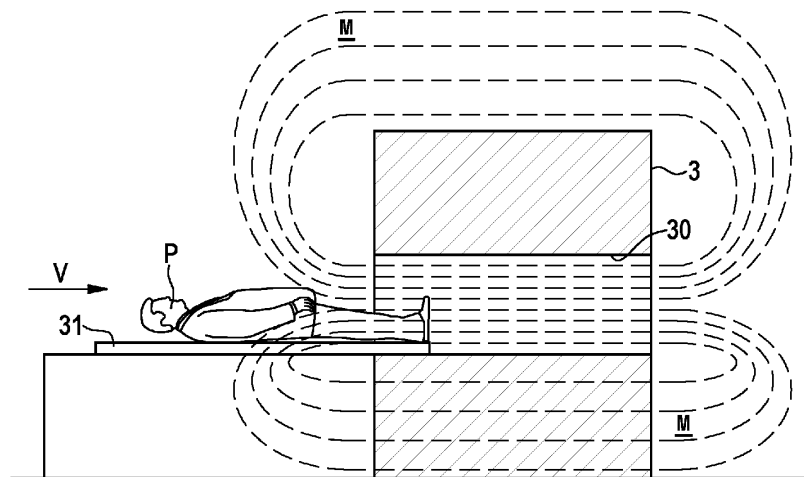


FIG. 2

(57) Abstract: An implantable medical device (1) comprises a sensing device (103) for sensing a magnetic field (M), and a processing device (101) configured to detect a presence of an MRI device (3) based on measurement values (S) obtained from the sensing device (103). The processing device (101) is configured to conclude that an MRI device (3) is present if a multiplicity of measurement values (S) indicates an increase of a strength of the magnetic field (M). Further, the sensing device (103) is configured to conduct measurements at a specified frequency in between 1 Hz and 50 Hz, in particular at 4 Hz, and to provide measurement values (S) at a predefined sampling rate.

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