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(54) Title: IMPLANTABLE MEDICAL DEVICE WITH A WAKE-UP DEVICE

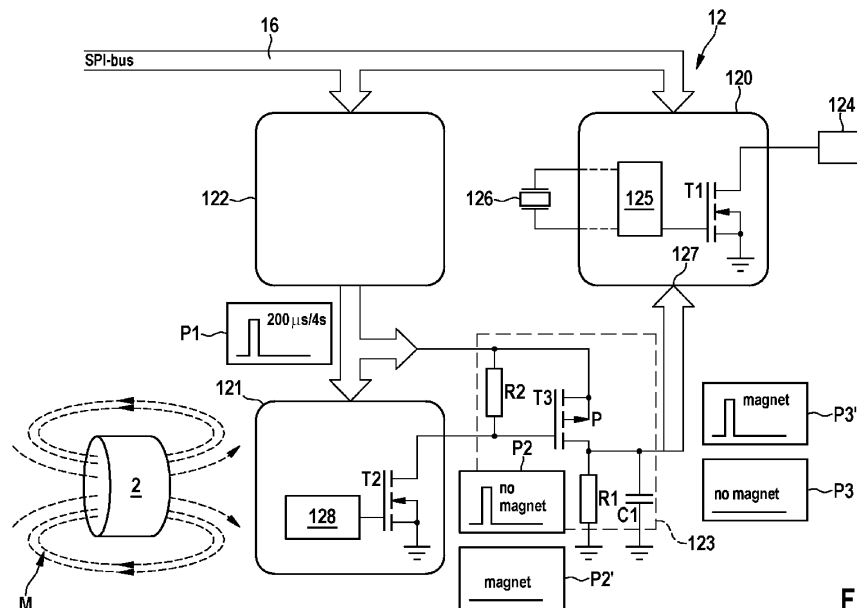


FIG. 4

(57) Abstract: An implantable medical device (1) comprises an electronic functional device (10) for performing a function of said implantable medical device (1), said electronic functional device (10) having an operational state for performing said function and a switched-off state. A wake-up device (12) serves for transferring said functional device (10) from said switched-off state to said operational state. The wake-up device (12) comprises a first timer circuit (120) for repeatedly transferring the functional device (10) to the operational state according to a predetermined first timing scheme, a detection device (121) for detecting a signal from a signal source (2) external to the implantable medical device (1), and a second timer circuit (122) for repeatedly switching the detection device (121) to a reception state according to a second timing scheme.

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