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(54) Title: SENSOR DEVICE FOR DETECTING EXTRAVASATION

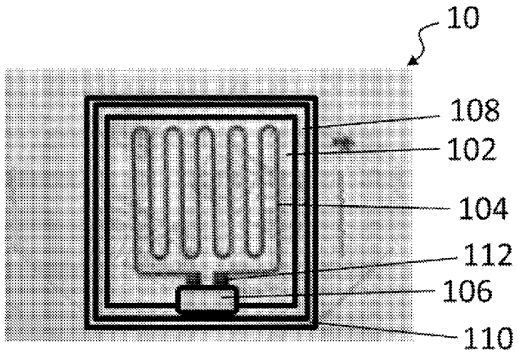


Figure 1A

(57) Abstract: The present disclosure concerns a sensor device for detecting extravasation. The sensor device comprises a sensor patch comprising an elastic film; at least one sensing electrode printed on a surface of the elastic film, the at least one sensing electrode configured to produce a change in electrical resistance in response to a force acting on the elastic film; a transponder chip comprising a near field communication (NFC) tag, the transponder chip electrically connected to the at least one sensing electrode, the transponder chip configured to detect the change in electrical resistance, convert the detected change in electrical resistance to an output that is readable from the NFC tag; and a reader configured to wirelessly read the output from the NFC tag and/or to wirelessly transmit a current to the transponder chip.

WO 2025/170539 A1

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