

Title (en)

A PRESSURE CUFF FOR USE IN A NON-INVASIVE BLOOD PRESSURE MEASUREMENT DEVICE

Title (de)

DRUCKMANSCHETTE ZUR VERWENDUNG IN EINER NICHT-INVASIVEN BLUTDRUCKMESSVORRICHTUNG

Title (fr)

MANCHON À PRESSION DESTINÉ À ÊTRE UTILISÉ DANS UN DISPOSITIF DE MESURE DE PRESSION SANGUINE NON INVASIF

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021025885A1] The present invention relates to a pressure cuff for use in a non-invasive blood pressure measurement device, comprising: a bladder, for applying pressure to a body part; at least one light source, for sending light through the body part under the bladder; at least two light detectors, each for detecting light passed through the body part and each for providing a signal in dependence of the amount of detected light; wherein the at least one light source and at least one of the at least two light detectors are arranged in pairs, in use substantially on opposite sides of the body part; wherein the at least two light detectors and the at least one light source are arranged on the inside of the pressure cuff, and are spaced apart; wherein the at least two light detectors are configured to detect light emitted from a single light source at a time.

IPC 8 full level

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Citation (search report)

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