

Title (en)

CUFF FOR ARTERIAL BLOOD PRESSURE MONITOR

Title (de)

MANSCHETTE FÜR ARTERIENBLUTDRUCKWÄCHTER

Title (fr)

BRASSARD POUR DISPOSITIF DE SURVEILLANCE DE TENSION ARTÉRIELLE

Publication

EP 2498674 A4 20140709 (EN)

Application

EP 09851332 A 20091111

Priority

US 2009063972 W 20091111

Abstract (en)

[origin: WO2011059429A1] A sphygmomanometer with a cuff for use on a patient wrist, upper or lower arm incorporates an inflatable bladder and a support structure. The cuff is subdivided into two sections. The first section holds the bladder against an arterial side of the limb, while the second section abuts a non-arterial side of the limb and is mechanically coupled, to the support structure. When the cuff is attached to the patient limb, the bladder is positioned to avoid receiving a gravitational force caused by the weight of the limb. Rather, the gravitational force is absorbed by the support structure in an inferior area of the cuff removed from the bladder.

IPC 8 full level

A61B 5/02 (2006.01); **A61B 5/00** (2006.01); **A61B 5/021** (2006.01); **A61B 5/022** (2006.01)

CPC (source: EP KR)

A61B 5/022 (2013.01 - KR); **A61B 5/02208** (2013.01 - EP); **A61B 5/02233** (2013.01 - EP); **A61B 5/02225** (2013.01 - EP);
A61B 2560/0261 (2013.01 - EP)

Citation (search report)

- [X] US 2002026121 A1 20020228 - KAN JIE [CN]
- [X] US 4790325 A 19881213 - LEE ARNOLD S [US]
- [A] EP 1958565 A1 20080820 - OMRON HEALTHCARE CO LTD [JP]
- [A] EP 1958566 A1 20080820 - OMRON HEALTHCARE CO LTD [JP]
- [A] GB 1441831 A 19760707 - ARONSON T
- See references of WO 2011059429A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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JP 2012538799 A 20091111; KR 20127015052 A 20091111; MX 2012005515 A 20091111