

Title (en)
MEDICAL CHEST BELT

Title (de)
MEDIZINISCHER BRUSTGURT

Title (fr)
CEINTURE THORACIQUE MEDICALE

Publication
EP 1776038 A1 20070425 (DE)

Application
EP 05731793 A 20050321

Priority
• EP 2005002995 W 20050321
• DE 102004013931 A 20040322

Abstract (en)
[origin: WO2005094673A1] The invention relates to a medical chest belt comprising a signal detection unit for detecting electrical signals on a body surface, two electrodes which face the chest, are non-adhesive, and are provided with a reinforcement layer that is electrically conductive on the side facing the body and is capable of absorbing and eliminating water, as well as a reference electrode located on the rear face. Said reference electrode is embodied so as to cover a large area and in a flexible manner such that moisture eliminated by the body accumulates between the reference electrode and the body while creating low transition resistance between the body and the reference electrode.

IPC 8 full level
A61B 5/024 (2006.01)

CPC (source: EP)
A61B 5/02438 (2013.01); **A61B 5/6831** (2013.01); **A61B 5/7207** (2013.01); **A61B 2560/0412** (2013.01)

Citation (search report)
See references of WO 2005094673A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005094673 A1 20051013; DE 102004013931 A1 20051020; EP 1776038 A1 20070425

DOCDB simple family (application)
EP 2005002995 W 20050321; DE 102004013931 A 20040322; EP 05731793 A 20050321