

Title (en)

VACUUM SPLINT APPARATUS FOR ACCOMMODATING THE CHIN OF A PATIENT AND METHOD FOR USING THE SAME

Title (de)

VAKUUMSCHNIENENVORRICHTUNG ZUR AUFNAHME DES KINN EINES PATIENTEN UND VERFAHREN ZUR VERWENDUNG DAVON

Title (fr)

APPAREIL D'ATTELLE SOUS VIDE POUR RECEVOIR LE MENTON D'UN PATIENT ET SON PROCÉDÉ D'UTILISATION

Publication

**EP 3423010 A4 20191106 (EN)**

Application

**EP 17760834 A 20170302**

Priority

- US 201615061820 A 20160304
- US 2017020482 W 20170302

Abstract (en)

[origin: WO2017151942A1] A particle filled neck brace is used for immobilizing the neck and chin of a patient and includes a vacuum pump disposed on the neck brace, which pump is communicated to the interior of the neck brace. After the neck brace is secured around the neck and chin of the patient, the vacuum pump is manipulated to remove air from the neck brace to form a rigid mold about the patient's neck and chin. The vacuum pump has a one way directional valve so that the neck brace remains in a rigid configuration for as long as the neck brace is applied to the patient. The neck brace also specifically forms a rigid mold over the patient's chin so as to immobilize the patient as well as to provide a comfortable fit without inducing further stress onto the patient.

IPC 8 full level

**A61F 5/058** (2006.01); **A61F 5/055** (2006.01)

CPC (source: EP)

**A61F 5/055** (2013.01); **A61F 5/05833** (2013.01); **A61F 5/05883** (2013.01)

Citation (search report)

- [X1] US 4657003 A 19870414 - WIRTZ H ROBERT [US]
- [I] US 3745998 A 19730717 - ROSE F
- See references of WO 2017151942A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2017151942 A1 20170908**; EP 3423010 A1 20190109; EP 3423010 A4 20191106

DOCDB simple family (application)

**US 2017020482 W 20170302**; EP 17760834 A 20170302