

Title (en)

CRUTCH APPARATUS AND METHOD FOR DESIGNING AND FABRICATING

Title (de)

KRÜCKENVORRICHTUNG UND VERFAHREN ZUM ENTWURF UND ZUR HERSTELLUNG

Title (fr)

APPAREIL DE BÉQUILLE ET PROCÉDÉ DE CONCEPTION ET DE FABRICATION

Publication

**EP 2827824 A4 20160824 (EN)**

Application

**EP 13764002 A 20130322**

Priority

- US 201261615139 P 20120323
- US 2012051612 W 20120820
- US 201261720861 P 20121031
- US 201361785903 P 20130314
- US 2013033598 W 20130322

Abstract (en)

[origin: WO2013142839A2] A crutch includes a grip and a forearm support that are coupled to an elongated member that extends from the forearm support to the ground. The inner surface of the forearm support can correspond to a digital representation of a forearm of the patient and the outer surface of the hand grip can correspond to a digital representation of a palmar surface of the patient's hand in at least a partially closed position.

IPC 8 full level

**A61H 3/02** (2006.01)

CPC (source: EP)

**A61H 3/02** (2013.01); **A61H 2201/1647** (2013.01); **A61H 2201/5092** (2013.01); **A61H 2201/5094** (2013.01)

Citation (search report)

- [I] JP 2008161393 A 20080717 - UNIV FUKUI
- [Y] US H2138 H 20060103 - PULLMAN DAVID [US], et al
- [Y] DE 10049926 A1 20020411 - MASSEN ROBERT [DE]
- See references of WO 2013142839A2

Cited by

WO2022112955A1

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 2013142839 A2 20130926; WO 2013142839 A3 20150528; EP 2827824 A2 20150128; EP 2827824 A4 20160824; EP 2827824 B1 20190731**

DOCDB simple family (application)

**US 2013033598 W 20130322; EP 13764002 A 20130322**