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**Declarations under Rule 4.17:**

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

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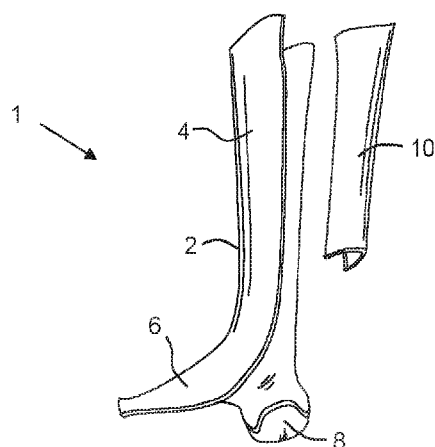


FIG. 1

(57) Abstract: An orthosis for a lower limb is provided. In one aspect, the orthosis is comprised of a shell that is portioned and dimensioned so as to be in close proximity to an anatomical limb. The shell has a leg portion, a foot portion, and a heel portion, the leg portion being fitted over the anterior surface of the leg, the foot portion being fitted over the dorsal surface of the foot, and the heel portion being fitted over the surface of the heel and adapted to lift the heel when a force is applied to the leg portion. The orthosis impedes dorsiflexion and permits plantarflexion.



## INTERNATIONAL SEARCH REPORT

International application No.

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC - A61F 5/01 (2020.01)

CPC - A61F 5/0111

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2015/0320581 A1 (CAUSSE); 12 November 2015 (12.11.2015); entire document, especially Fig. 3, 5; para. [0145], [0148], [0154], [0158], [0165]-[0166].	1-3, 12-13
X	US 2007/0244420 A1 (BODEN); 18 October 2007 (18.10.2007); entire document, especially Figs. 2, 5; para. [0022]-[0028].	1, 4-12, 14-17
A	US 2014/0288475 A1 (WATTS); 25 September 2014 (25.09.2014); entire document.	1-17
A	US 5,718,673 A (SHIPSTEAD); 17 February 1998 (17.02.1998); entire document.	1-17
A	US 6,692,454 B1 (TOWNSEND et al.); 17 February 2004 (17.02.2004); entire document.	1-17

 Further documents are listed in the continuation of Box C. See patent family annex.

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