

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 October 2002 (10.10.2002)

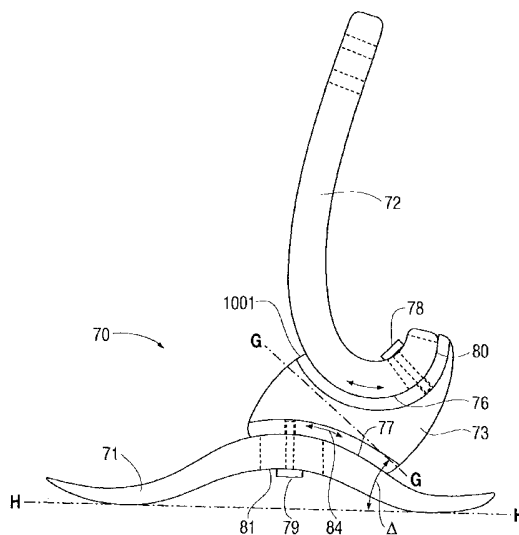
PCT

(10) International Publication Number
WO 02/078567 A3

- (51) International Patent Classification⁷: **A61F 2/66**
 - (21) International Application Number: PCT/US02/09573
 - (22) International Filing Date: 29 March 2002 (29.03.2002)
 - (25) Filing Language: English
 - (26) Publication Language: English
 - (30) Priority Data:
09/820,895 30 March 2001 (30.03.2001) US
 - (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 09/820,895 (CIP)
Filed on 30 March 2001 (30.03.2001)
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 - (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
 - (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report

[Continued on next page]

(54) Title: PROSTHETIC FOOT WITH TUNABLE PERFORMANCE



(57) **Abstract:** A prosthetic foot (70) incorporates a foot keel (71) and a calf shank (72) connected to the foot keel to form an ankle joint area of the prosthetic foot. The foot keel has forefoot and hindfoot portions and an upwardly arched midfoot portion extending between the forefoot and midfoot portions. The calf shank includes a downward convexly curved lower end which is adjustably attached at a portion thereof to the foot keel by way of a releasable fastener arrangement which includes a coupling element (73) intermediate the calf shank and foot keel. The coupling element includes a resilient material forming a joint permitting subtalar joint-like motion of the prosthetic foot in gait.



WO 02/078567 A3



(88) Date of publication of the international search report:
21 August 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/09573

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : A61F 2/66 US CL : 623/53		
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) U.S. : 623/47, 48, 49, 50, 51, 52, 53, 54, 55, 56		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,206,934 B1 (PHILLIPS) 27 March 2001 (27.03.2001); column 3, lines 9-45; column 5, lines 18-67; column 9, lines 21-67; column 10, lines 1-64; Figures 2-6; see entire document.	1, 8, 16
X	US 5,897,594 A (MARTIN et al.) 27 April 1999 (27.04.1999); column 3, lines 25-67; Figures 1, 2, and 5; see entire document.	1, 2, 17, 18
A	US 5,376,141 A (PHILLIPS) 27 December 1994 (27.12.1994), see entire document.	1-29
A	US 5,509,937 A (ALLARD et al.) 23 April 1996 (23.04.1996), see entire document.	1-29
A	US 5,653,767 A (ALLEN et al.) 5 August 1997 (5.08.1997), see entire document.	1-29
A	US 5,776,205 A (PHILLIPS) 7 July 1998 (7.07.1998), see entire document.	1-29
A	US 5,944,760 A (CHRISTENSEN) 31 August 1999 (31.08.1999), see entire document.	1-29
A	US 5,976,191 A (PHILLIPS) 2 November 1999 (2.11.1999), see entire document.	1-29
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 29 May 2002 (29.05.2002)		Date of mailing of the international search report 27 MAR 2003
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