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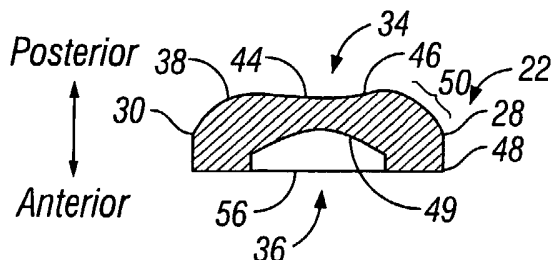
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) **Title:** PATELLAR PROSTHETIC ARRANGEMENT AND ASSOCIATED SURGICAL METHOD



(57) **Abstract:** A prosthetic patellar component (32) includes a base (24) and a bearing element (22) that includes first and second femoral engaging surfaces (40, 42) disposed between first and second (superior/inferior) edge surfaces (28, 30). The edge surfaces (28, 30) are curved to provide a gradual transition from a posterior facing portion (46) to a nearly vertical superior or inferior facing portion (48). Moreover, the inferior-superior dimension of the component is at least approximately 90% of the medial-lateral dimension. The relative height and gradually

transitioning edges significantly reduce the likelihood of sudden posterior rotation during deep flexion movement. The edge surfaces (28, 30) extend from a substantially posterior facing portion (46) proximate to the first and second femoral engaging surfaces (40, 42) and a substantially vertical facing portion (48) proximate the base (24). The curved edge surfaces can include a plurality of adjacent medial-laterally extending surface portions having angular displacement relative to an adjacent surface portion of less than about 30 degrees in the anterior-posterior direction.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 2/38

US CL : 623/20.19

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. : 623/20.19, 20.14, 20.18

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.
A	US 4,151,615 A (HALL) 01 May 1979 (01.05.1979), see entire document.	1-22
A	US 5,021,061 A (WEVERS et al.) 04 June 1991 (04.06.1991), see entire document.	1-22
A	US 5,246,460 A (GOODFELLOW et al.) 21 September 1993 (21.09.1993), see entire document.	1-22
A	US 5,723,016 A (MINNS et al.) 03 March 1998 (03.03.1998), see entire document.	1-22



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See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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