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(54) Title: DISPOSABLE ORTHOPEDIC PROSTHESIS MOLD

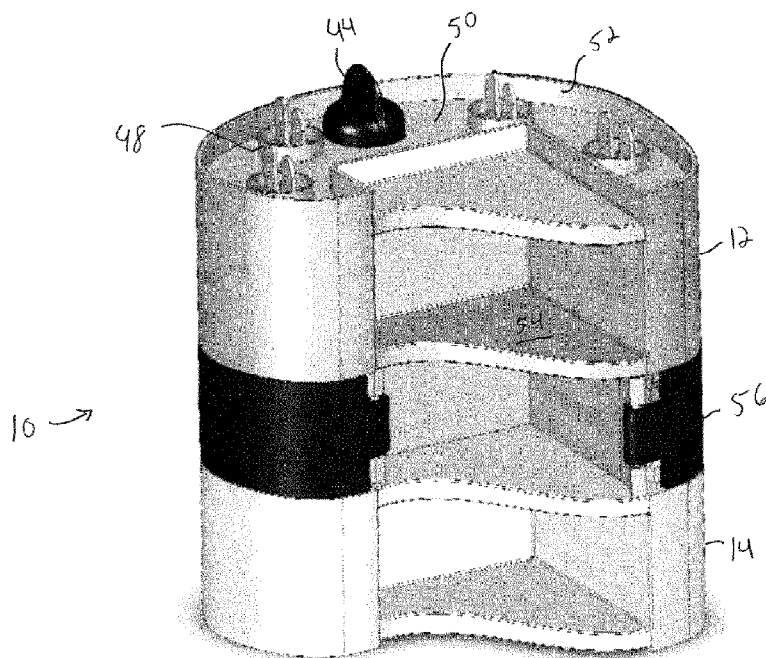


FIG. 1

(57) Abstract: An orthopedic prosthesis mold, including a first housing defining a first cavity therein shaped to form a portion of an orthopedic prosthesis; a second housing coupled to the first housing, the second housing defining a second cavity therein shaped to form a portion of an orthopedic prosthesis; and a reinforcement element attached to at least one of the first or second housings, the reinforcement element resisting deformation of the first and second housings. The reinforcement element may include a member exterior to the first and second cavities, the member spanning across a substantial width of the prosthesis mold.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 12/32397

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B29C 45/14 (2012.01)

USPC - 425/117; 623/901

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)

IPC: B29C 45/14 (2012.01)

USPC: 425/117; 623/901

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

IPC: B29C 45/14 (2012.01); USPC: 249/54, 55, 83, 84, 85, 91, 117, 155, 158, 160, 163; 264/239, 299, 319, 328.1; 425/117, 542, 562, 567, 568; 623/901

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

PubWEST (PGPB,USPT,EPAB,JPAB), Google (Scholar); Keywords: ortho\$6, prosthesis\$4, mold, die, concave\$4, cavity, reinforcement\$6, inject\$4, port, inlet, opening, aperture, femur, femoral\$2, vertical\$4, internal\$4, inside, within, vent\$4, ventilation, cap, cover, cut\$4, sever\$4, slice\$4, trim\$4, flash, strap\$4, half, halves, clip\$4, clamp\$4, indicia, size\$4

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2009/0146342 A1 (Haney et al.) 11 June 2009 (11.06.2009) para [0021]-[0023], [0036], [0043]-[0045], [0047]; Fig. 1-3, 5, 11	1-4, 6-11, 13 ----- 5, 12, 14, 17, 18, 20
X ----- Y	US 2010/0102484 A1 (Haney et al.) 29 April 2010 (29.04.2010) para [0046]-[0050]; Fig. 7, 8, 12	15, 16, 19 ----- 5, 17, 18, 20
Y	US 2003/0127771 A1 (Schinski) 10 July 2003 (10.07.2003) para [0014]; Fig. 1, 3	12, 20
Y	US 2007/0012399 A1 (Rekret) 18 January 2007 (18.01.2007) para [0033]; Fig. 1	14
X	US 2010/0297276 A1 (Haney et al.) 25 November 2010 (25.11.2010) para [0021]-[0023], [0036], [0043]-[0045], [0047]; Fig. 1, 2, 4, 5, 11	1-4, 6-11, 13

☐ Further documents are listed in the continuation of Box C.

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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"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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