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[Continued on next page]

(54) Title: TREATING CLEFT PALATE

(57) Abstract: The present application describes, inter alia, methods, devices, and systems for modeling and fabricating corrective appliances and methods of treating cleft palate using same.

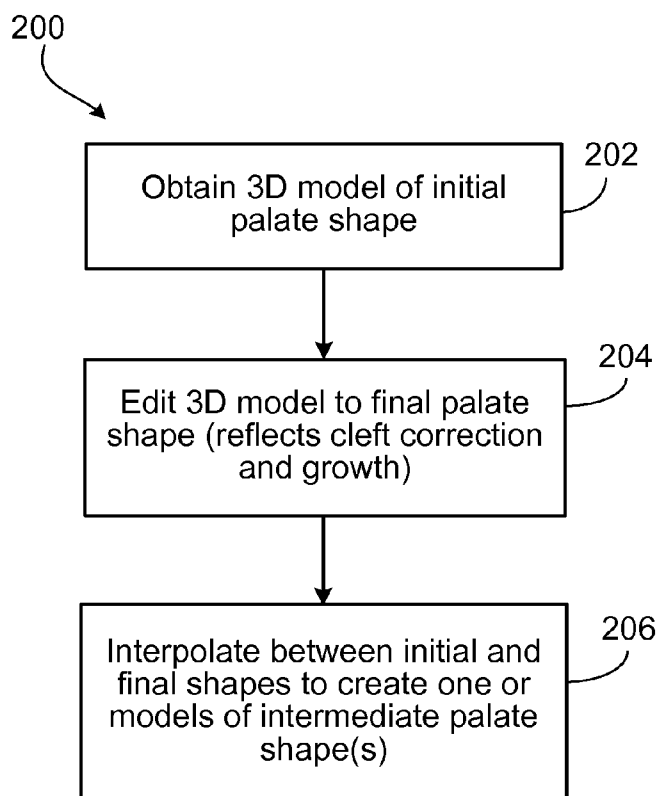


FIG. 2



NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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A. CLASSIFICATION OF SUBJECT MATTER**G06T 17/00(2006.01)i, G06T 15/00(2006.01)i**

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 : G06T

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)

eKOMPASS(KIPO internal) & keywords : 3D, cleft, palate

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7192273 B2 (DAVID W. MCSURDY, JR.) 20 March 2007 See abstract; column 3, line 7 - column 5, line 4; claim 1; figure 3.	1-31
A	US 2005/0186524 A1 (AMIR ABOLFATHI et al.) 25 August 2005 See abstract; claims 1 and 2; figure 3.	1-31
A	US 6882894 B2 (DUANE MILFORD DURBIN et al.) 19 April 2005 See abstract; column 3, line 7 - column 4, line 57; claim 1; figure 1.	1-31



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 07192273 B2	20.03.2007	US 2007-0178421 A1 US 2005-0032015 A1	02.08.2007 10.02.2005
US 2005-0186524 A1	25.08.2005	None	
US 06882894 B2	19.04.2005	US 2005-0177261 A1 US 07328077 B2 US 2004-0133293 A1	11.08.2005 05.02.2008 08.07.2004