(54) Title: UNDULATING MOTION INFANT SUPPORT STRUCTURE

(57) Abstract: An infant support structure includes a base member and a seat pivotally coupled to the base member. The seat includes an inner surface defining a receiving area configured for supporting a child and an outer surface. An engagement member is coupled to the outer surface of the seat. A drive member is rotatably coupled to the base member and in engagement with the engagement member. One of the engagement members and the drive member includes an undulated surface so that the seat rocks back and forth relative to the base member as the drive member rotates.
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European (AL, 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, RS,
SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

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INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

A47D 9/02(2006.01)i, A47D 13/10(2006.01)1

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)
A47D 9/02; A47C 3/02; A47D 9/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: rocker, drive mechanism, undulate, wheel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>A</td>
<td>US 2009-0183310 A1 (THOMAS, FRANK V.) 23 July 2009 See paragraphs [0022], [0024], [0027]-[0028] and figures 1,3,4.</td>
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<td>US 5711045 A (CASTER, ANDREW ; et al.) 27 January 1998 See columns 2 line 44 - column 3 line 52 and figure 1.</td>
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Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search
30 APRIL 2012 (30.04.2012)

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02 MAY 2012 (02.05.2012)

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<th>Publication date</th>
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