(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 March 2021 (18.03.2021)

WIPO | PCT

(10) International Publication Number
WO 2021/051057 A1

(51) International Patent Classification:
B60N 2/28 (2006.01)

(21) International Application Number:
PCT/US2020/050672

(22) International Filing Date:
14 September 2020 (14.09.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

62/899,410	12 September 2019 (12.09.2019)	US
62/959,428	10 January 2020 (10.01.2020)	US
63/064,837	12 August 2020 (12.08.2020)	US

(71) Applicant: **WONDERLAND SWITZERLAND AG** [CH/CH]; Beim Bahnhof 5, 6312 Steinhausen (CH).

(72) Inventors; and

(71) Applicants *(for US only)*: **HUTCHINSON, James, MF** [US/US]; 25 Frog Hollow Ln, Mohnton, PA 19540 (US). **ANDERSON, Robert, S.** [US/US]; 5843 Wertztown Rd, Narvon, PA 17555 (US). **LEHMAN, David, A.** [US/US]; 2 Parkwood Drive, Lancaster, PA 17603 (US).

(74) Agent: **TEJA, Joseph** et al.; Smith Baluch LLP, 376 Boylston St., Suite 401, Boston, MA 02116 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,

(54) **Title:** CHILD RESTRAINT WITH ROTATING SEAT

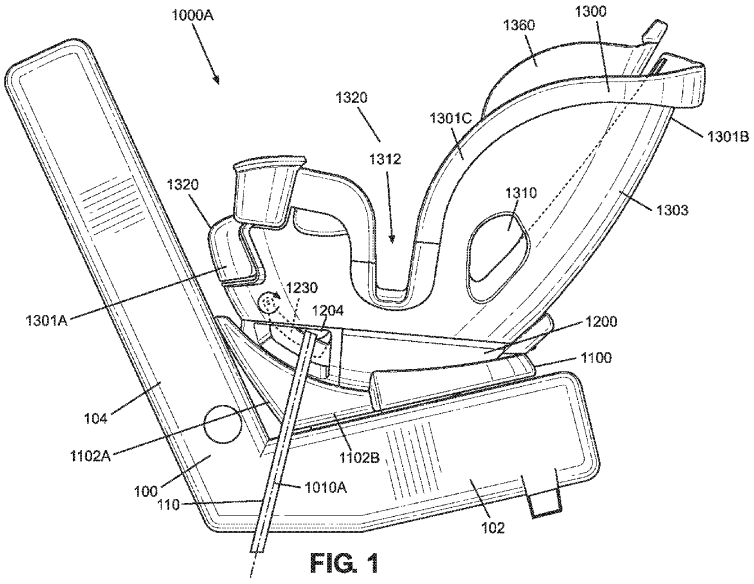


FIG. 1

(57) **Abstract:** A convertible child restraint includes a lower base to contact a vehicle seat, a seat shell to support a child, and a mid base between the lower base and the seat shell to facilitate recline and rotational adjustment of the seat shell relative to the lower base. The child restraint may be used as a rear-facing car seat, a forward-facing car seat, and a belt positioning booster seat. For the rear¬ facing car seat configuration, a belt is installed along a rear-facing belt path that passes through the child restraint. The portion of the belt in the child restraint is accessed via a belt access panel when the seat shell is at a rear-facing position. Additionally, the child restraint includes a rotation lockout that allows the seat shell to be rotated from a rear-facing position to a side-facing position, but not a forward-facing position when using the rear-facing configuration.

WO 2021/051057 A1

[Continued on next page]

SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) **Designated States** *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

— *with international search report (Art. 21(3))*