

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 October 2024 (03.10.2024)



(10) International Publication Number
WO 2024/206806 A1

(51) International Patent Classification:

B60N 2/28 (2006.01)

(21) International Application Number:

PCT/US2024/022208

(22) International Filing Date:

29 March 2024 (29.03.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/493,209	30 March 2023 (30.03.2023)	US
63/504,057	24 May 2023 (24.05.2023)	US
63/509,465	21 June 2023 (21.06.2023)	US
63/520,247	17 August 2023 (17.08.2023)	US
63/582,425	13 September 2023 (13.09.2023)	US
63/590,589	16 October 2023 (16.10.2023)	US
63/607,890	08 December 2023 (08.12.2023)	US
63/613,033	20 December 2023 (20.12.2023)	US
63/621,729	17 January 2024 (17.01.2024)	US

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

(72) Inventor; and

(71) Applicant (for BZ only): **TAYLOR, Andrew J.** [US/US];
70 Thousand Oaks Blvd., Morgantown, Pennsylvania
19543 (US).

(72) Inventors: **HORST, Andrew J.**; 70 Thousand Oaks
Blvd, Morgantown, Pennsylvania 19543 (US). **KEE-
BLER, Nathaniel W.**; 70 Thousand Oaks Blvd, Mor-
gantown, Pennsylvania 19543 (US). **BOWERS, Patrick
J. G.**; 70 Thousand Oaks Blvd, Morgantown, Pennsylv-
ania 19543 (US). **HARTENSTINE, Curtis M.**; 70 Thou-
sand Oaks Blvd, Morgantown, Pennsylvania 19543 (US).
HARTENSTINE, Zachary C.; 70 Thousand Oaks Blvd,
Morgantown, Pennsylvania 19543 (US). **MASON, Kyle S.**;
70 Thousand Oaks Blvd, Morgantown, Pennsylvania 19543
(US).

(74) Agent: **HAYTER, Alicia**; CANTOR COLBURN LLP, 20
Church Street, Floor 22, Hartford, Connecticut 06103 (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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,

(54) Title: CHILD VEHICLE SEAT SYSTEM

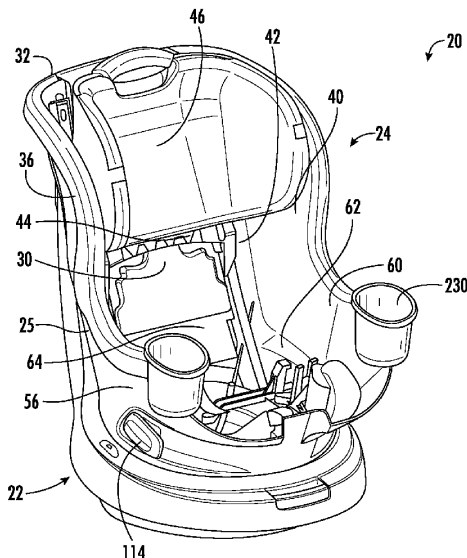


FIG. 1

(57) Abstract: A child restraint system positionable on a vehicle seat includes a support base and belt tensioner mounted to the support base. The belt tensioner is movable between an open position and a closed position to apply a tension to a vehicle belt associated with the vehicle seat. A child seat attached to the support base is rotatable relative to the support base. The belt tensioner prevents rotation of the child seat relative to the support base when the belt tensioner is in the open position.

WO 2024/206806 A1

[Continued on next page]

MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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).

Published:

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