

(43) International Publication Date
02 August 2024 (02.08.2024)



(10) International Publication Number
WO 2024/158891 A3



(51) International Patent Classification:

<i>B60N 2/28</i> (2006.01)	<i>B60N 2/90</i> (2018.01)
<i>B60N 2/26</i> (2006.01)	<i>B60N 2/08</i> (2006.01)

(21) International Application Number:

PCT/US2024/012746

(22) International Filing Date:

24 January 2024 (24.01.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/481,889	27 January 2023 (27.01.2023)	US
63/489,282	09 March 2023 (09.03.2023)	US
63/508,552	16 June 2023 (16.06.2023)	US
63/511,037	29 June 2023 (29.06.2023)	US
63/586,147	28 September 2023 (28.09.2023)	US

(72) **Inventor:** GEARHART, Samuel; 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, 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.

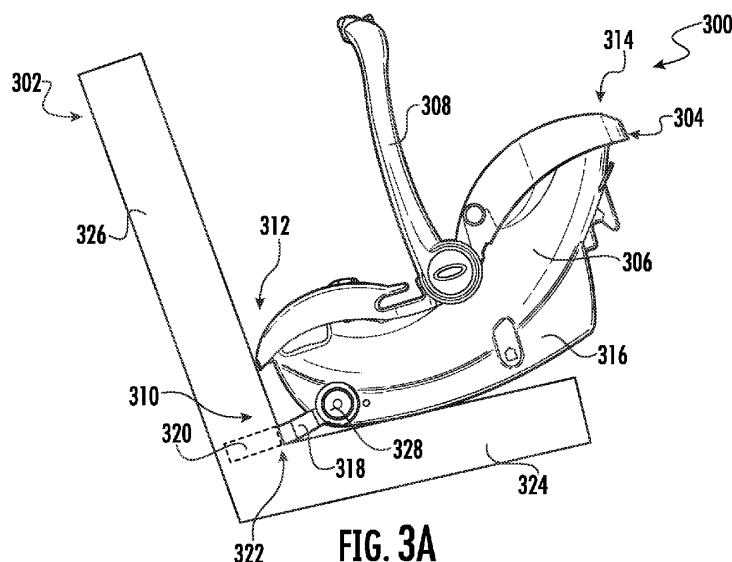
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,

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

(72) Inventor; and

(71) **Applicant** (for BZ only): **EGGERT-CROWE, Colin F.** [US/US]; 70 Thousand Oaks Blvd, Morgantown, Pennsylvania 19543 (US).

(54) **Title:** LATCH AND ADJUSTMENT SYSTEM FOR INFANT CHILD SEATS



(57) Abstract: Infant car seat systems for installation on a vehicle seat include an infant car seat having a seat shell and an anchor system connected to the seat shell. The anchor system includes a latch arm having a latch on an end thereof, the latch configured to releasably engage with a vehicle anchor system, wherein the latch arm is movably mounted to the seat shell and selectively fixable in two or more angles relative to the seat shell.

[Continued on next page]

WO 2024/158891 A3

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))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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

(88) Date of publication of the international search report:

19 September 2024 (19.09.2024)