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MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
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Declarations under Rule 4.17:

— 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))

— before the expiration of the time limit for amending the
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(54) Title: CHILD SAFETY SEAT

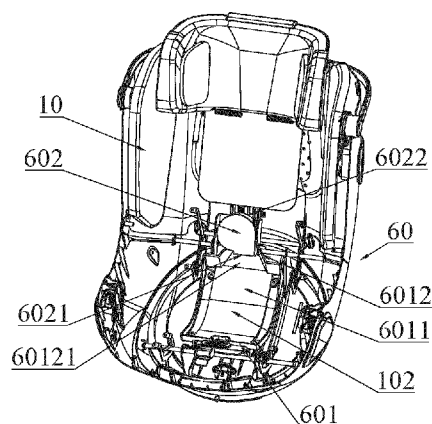


FIG. 6

(57) Abstract: A child safety seat, including: a seat; a seat cushion arranged on the seat; a heating apparatus detachably arranged in the seat cushion; a control apparatus arranged in the seat, the heating apparatus being electrically connected to the control apparatus; a first temperature measuring apparatus arranged on the seat cushion and communicably connected to the control apparatus, the first temperature measuring apparatus being configured to measure a real-time temperature of the heating apparatus; and a thermal safety apparatus arranged on the heating apparatus and configured to cause the heating apparatus to stop heating when the heating apparatus reaches a first preset temperature. The heating apparatus includes: a heating member; and a flame-retardant member, the heating member being arranged in the flame-retardant member. The first temperature measuring apparatus is arranged on the flame-retardant member, and the thermal safety apparatus is arranged at the heating member, wherein the thermal safety apparatus is connected in series with the heating member, and the first temperature measuring apparatus is a temperature detection chip; and the thermal safety apparatus is a resettable thermal fuse.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2024/065455

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims;; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☒ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2024/065455

A. CLASSIFICATION OF SUBJECT MATTER

INV. B60N2/28 B60N2/56
ADD.

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)
B60N

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 211 641 928 U (ZHEJIANG TIANCHENG CONTROLS CO LTD) 9 October 2020 (2020-10-09) figures 1-6	1, 3
A	-----	2, 4 - 6
Y	WO 2021/013472 A1 (MAHLE INT GMBH [DE]) 28 January 2021 (2021-01-28) figure 1	1, 3
Y	-----	
Y	KR 101 372 543 B1 (EMS SOCIETE [KR]; UMS [KR]) 7 March 2014 (2014-03-07) paragraph [0041]	1, 3
A	-----	
A	GB 2 584 068 A (KEITH MICHAEL GOOKEY [GB]) 25 November 2020 (2020-11-25) figure 1A	1
	----- - / - -	



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance;; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance;; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 November 2024

Date of mailing of the international search report

09/12/2024

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2024/065455

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 213 619 476 U (NINGBO BABY FIRST MOTHER & BABY PRODUCTS CO LTD) 6 July 2021 (2021-07-06) figures 1-4 -----	1,4,7-16
A	US 2015/061331 A1 (YANG CHING-LUN [TW]) 5 March 2015 (2015-03-05) figure 1 -----	7
A	CN 106 541 861 A (HEFEI XINGFU INFORMATION TECH CO LTD) 29 March 2017 (2017-03-29) figure 2 -----	12-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2024/065455

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN 211641928	U	09-10-2020	NONE
WO 2021013472	A1	28-01-2021	DE 102019210991 A1 28-01-2021
		DE 112020003470 A5	05-05-2022
		WO 2021013472 A1	28-01-2021
KR 101372543	B1	07-03-2014	NONE
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CN 213619476	U	06-07-2021	NONE
US 2015061331	A1	05-03-2015	TW M469220 U 01-01-2014
		US 2015061331 A1	05-03-2015
CN 106541861	A	29-03-2017	NONE

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6

child safety seat with heating system

2. claims: 7-16

child safety seat with ventilation system
