



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
17.01.2024 Bulletin 2024/03

(51) International Patent Classification (IPC):
A42B 3/14 (2006.01)

(43) Date of publication A2:
08.11.2023 Bulletin 2023/45

(52) Cooperative Patent Classification (CPC):
A42B 3/145

(21) Application number: **23198902.1**

(22) Date of filing: **04.02.2021**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**

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(30) Priority: **15.02.2020 IN 202011006628**

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(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
21155333.4 / 3 864 988

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(54) **RATCHET ASSEMBLY FOR PROTECTIVE HEADGEAR**

(57) A ratchet assembly for a head protection device is provided. The ratchet assembly comprises a first cover and a ratchet gear. The first cover defines an aperture and has a locking element disposed along the aperture. The ratchet gear comprises a plurality of ratchet gear teeth, and the locking element is engaged with a ratchet gear tooth of the plurality of ratchet gear teeth of the ratch-

et gear to restrict rotation of the ratchet gear in a direction. The ratchet assembly also comprises a knob and a second cover. The knob comprises a plurality of knob gears disposed on the interior of the knob, and the second cover has a protrusion. The knob is coupled to the protrusion of the second cover.

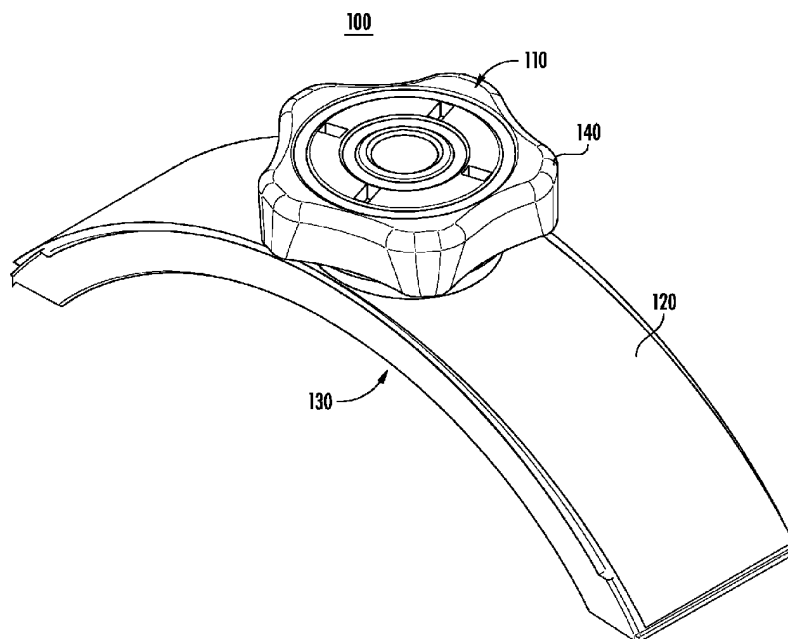


FIG. 1A



EUROPEAN SEARCH REPORT

Application Number

EP 23 19 8902

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EPO FORM 1503 03.82 (P04C01)

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 1 December 2023	Examiner D'Souza, Jennifer
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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