

Title (en)

PROTECTIVE HELMET WITH TELESCOPICALLY ADJUSTABLE HEAD WIDTH

Title (de)

SCHUTZHELM MIT TELESKOPISCH VERSTELLBARER KOPFWEITE

Title (fr)

CASQUE DE PROTECTION À TOUR DE TÊTE RÉGLABLE DE MANIÈRE TÉLESCOPIQUE

Publication

**EP 3903617 B1 20230308 (DE)**

Application

**EP 21169788 A 20210422**

Priority

- DE 102020002610 A 20200430
- DE 102020002617 A 20200430

Abstract (en)

[origin: CN113587729A] The invention relates to a protective helmet with a helmet shell, with a bearing ring, with a rotatable actuating element (14) and with a transmission unit (15.1, 15.2). The transmission unit (15.1, 15.2) transmits a rotation of the actuating element to the bearing ring, so that the head size provided is changed. A helmet shell-side transmission piece (15.1) is non-rotatably connected to the actuating element (14) such that they rotate in unison, and a bearing ring-side transmission piece (15.2) is connected mechanically to the bearing ring. The helmet shell-side transmission piece (15.1) can move both relative to the actuating element (14) and relative to the bearing ring-side transmission piece (15.2) linearly in two opposite directions. The distance between the actuating element (14) and the bearing ring can be changed thereby.

IPC 8 full level

**A42B 3/14** (2006.01)

CPC (source: CN EP US)

**A42B 3/14** (2013.01 - US); **A42B 3/145** (2013.01 - EP US); **F41H 1/04** (2013.01 - CN)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 3903617 A1 20211103; EP 3903617 B1 20230308**; CN 113587729 A 20211102; CN 113587729 B 20230825; US 11707103 B2 20230725; US 2021337910 A1 20211104; US 2023276890 A1 20230907

DOCDB simple family (application)

**EP 21169788 A 20210422**; CN 202110483236 A 20210430; US 202117242702 A 20210428; US 202318314889 A 20230510