

Title (en)

RATCHET ASSEMBLY FOR PROTECTIVE HEADGEAR

Title (de)

KLINKENANORDNUNG FÜR EINE SCHÜTZENDE KOPFBEDECKUNG

Title (fr)

ENSEMBLE CASQUE DE PROTECTION

Publication

EP 3864988 A1 20210818 (EN)

Application

EP 21155333 A 20210204

Priority

IN 202011006628 A 20200215

Abstract (en)

A ratchet assembly (100) for a head protection device is provided. The ratchet assembly comprises a first cover (120) and a ratchet gear (170). The first cover defines an aperture (420) and has a locking element (410) disposed along the aperture. The ratchet gear comprises a plurality of ratchet gear teeth (320), and the locking element is engaged with a ratchet gear tooth of the plurality of ratchet gear teeth of the ratchet gear to restrict rotation of the ratchet gear in a direction.

IPC 8 full level

A42B 3/14 (2006.01)

CPC (source: CN EP US)

A42B 3/08 (2013.01 - CN US); **A42B 3/145** (2013.01 - EP US)

Citation (search report)

- [A] US 2010095438 A1 20100422 - MOELKER MICHAEL G [US]
- [A] US 2015059064 A1 20150305 - KLOTZ ROBERT [US], et al
- [A] US 2009211385 A1 20090827 - FIQUEPRON ALEXANDRE [FR], et al
- [A] WO 2017108118 A1 20170629 - GROUPE LS S A [LU]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3864988 A1 20210818; **EP 3864988 B1 20231101**; CN 113261739 A 20210817; EP 4272591 A2 20231108; EP 4272591 A3 20240117; US 2021251329 A1 20210819

DOCDB simple family (application)

EP 21155333 A 20210204; CN 202110187521 A 20210218; EP 23198902 A 20210204; US 202117171056 A 20210209