

Title (en)

HELMET COMPRISING RETRACTABLE VISORS FOR FAST DAY/NIGHT RECONFIGURATION

Title (de)

HELM MIT ZURÜCKZIEHBAREN VISIEREN FÜR DIE SCHNELLE UMSTELLUNG ZWISCHEN TAG UND NACHT

Title (fr)

CASQUE A VISIERES ESCAMOTABLES A RECONFIGURATION RAPIDE JOUR/NUIT

Publication

EP 1345505 A1 20030924 (FR)

Application

EP 01270258 A 20011211

Priority

- FR 0103925 W 20011211
- FR 0016157 A 20001212

Abstract (en)

[origin: WO0247503A1] The invention concerns a helmet comprising retractable visors for fast day/night reconfiguration. Therefor, the helmet (1) is adapted at the articulations of the visors to enable the use of articulations capable of being disassembled without using a tool. The day visor (15) is thus made modular and detachable and is mounted on the helmet by a translational movement along a direction (F) enabling the upper part to be engaged (16) in a sagittal guide rail of the helmet and rotation axes of the helmet in the articulation part of the lateral arms (8) of the visor, being manually locked with a pivoting lever (6). For night operations, the day visor is disassembled and replaced with a night module mounted with a similar type of articulation of the helmet. The invention is particularly applicable to aircraft pilot helmets, enabling unprepared ejection.

IPC 1-7

A42B 3/04; **A42B 3/22**; **A42B 3/32**

IPC 8 full level

A42B 3/04 (2006.01); **A42B 3/22** (2006.01); **A42B 3/32** (2006.01)

CPC (source: EP US)

A42B 3/042 (2013.01 - EP US); **A42B 3/228** (2013.01 - EP US); **A42B 3/32** (2013.01 - EP US)

Citation (search report)

See references of WO 0247503A1

Cited by

FR2938738A1; EP2177124A1; FR2937227A1; US11213089B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0247503 A1 20020620; **WO 0247503 A8 20030515**; DE 60114877 D1 20051215; DE 60114877 T2 20060720; EP 1345505 A1 20030924; EP 1345505 B1 20051109; FR 2817713 A1 20020614; FR 2817713 B1 20031128; IL 155848 A0 20031223; US 2004143888 A1 20040729; US 6820285 B2 20041123

DOCDB simple family (application)

FR 0103925 W 20011211; DE 60114877 T 20011211; EP 01270258 A 20011211; FR 0016157 A 20001212; IL 15584801 A 20011211; US 45004703 A 20030610