

Title (en)

Protective helmet with wireless data transfer

Title (de)

Schutzhelm mit drahtloser Datenübertragung

Title (fr)

Casque de protection doté d'une transmission de données sans fil

Publication

**EP 2087802 A3 20100630 (DE)**

Application

**EP 09001664 A 20090206**

Priority

DE 102008008159 A 20080208

Abstract (en)

[origin: EP2087802A2] The protective helmets (7 to 11) are equipped with a transponder (1). Each transponder is assigned to an identification number characterized for the helmet carrier. The identification number is transferred to a receiver. Each transponder stays in data connection with multiple measuring sensors. The transponder transmits a transmitting frequency as wireless radio wave to a mobile or stationary transmitting and receiving unit arranged outside the application area of the helmet carrier. An independent claim is included for a method for wireless protection monitoring of human values, e.g. temperature, pulse, humidity, shock effect and other values.

IPC 8 full level

**A42B 3/04** (2006.01)

CPC (source: EP)

**A42B 3/0433** (2013.01)

Citation (search report)

- [XA] WO 2006036567 A1 20060406 - RIDDELL [US], et al
- [XDA] DE 202006013747 U1 20061221 - ATS ELEKTRONIK GMBH [DE]
- [XP] WO 2008085511 A1 20080717 - CABRERA RONALD J [US]

Cited by

US11154203B2; CN112230434A; ITUB20153598A1; EP3261473A4; EP2567630A1; WO2013076325A1; WO2016135529A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2087802 A2 20090812; EP 2087802 A3 20100630; EP 2087802 B1 20120905**; DE 102008008159 A1 20090813

DOCDB simple family (application)

**EP 09001664 A 20090206**; DE 102008008159 A 20080208