

Title (en)

METHOD FOR MANUFACTURING PERSONALISED HELMETS

Title (de)

VERFAHREN ZUM HERSTELLEN VON INDIVIDUELL ANGEPASSTEN HELMEN

Title (fr)

PROCEDE DE FABRICATION DE CASQUE PERSONNALISE

Publication

EP 0957697 A1 19991124 (FR)

Application

EP 97920788 A 19970418

Priority

- FR 9700706 W 19970418
- FR 9605309 A 19960426

Abstract (en)

[origin: WO9740716A1] The invention relates to the manufacture of helmets for aircraft, tank, helicopter pilots etc... and more particularly those comprising a display unit to be very precisely positioned relative to the eyes. The helmet is personalised for one person by an internal personalised cap (34) adapted to the head shape of the person (36). This cap is manufactured by means of a prior reading of the head shape of the user by a contactless measuring device, followed by the manufacture of the cap from this reading. The reading is preferably digitally effected by means of a 3D scanner. This method is much less constraining for the pilot than a direct moulding of the cap on the head.

IPC 1-7

A42C 2/00

IPC 8 full level

A42C 2/00 (2006.01)

CPC (source: EP)

A42C 2/007 (2013.01)

Citation (search report)

See references of WO 9740716A1

Cited by

EP3231308A1; US10235801B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9740716 A1 19971106; AU 2703997 A 19971119; AU 729446 B2 20010201; DE 69707507 D1 20011122; DE 69707507 T2 20020523; EP 0957697 A1 19991124; EP 0957697 B1 20011017; FR 2747895 A1 19971031; FR 2747895 B1 19980710; ZA 973631 B 19971125

DOCDB simple family (application)

FR 9700706 W 19970418; AU 2703997 A 19970418; DE 69707507 T 19970418; EP 97920788 A 19970418; FR 9605309 A 19960426; ZA 973631 A 19970425