

Title (en)

Reversible fastening device for a helmet chinguard

Title (de)

Umkehrbare Befestigungsvorrichtung für den Kinnbügel eines Helms

Title (fr)

Dispositif de fixation réversible pour la mentonnière d'un casque

Publication

**EP 2191738 A3 20110406 (EN)**

Application

**EP 09010249 A 20090807**

Priority

IT MI20080394 U 20081128

Abstract (en)

[origin: EP2191738A2] Reversible fastening device of a helmet chin guard (1) for motorcyclist or similar, by snap fit of parts interacting on the two sides of the chin guard (1) and of the helmet, following the insertion, in the operating position, of the chin guard (1) thanks to reciprocally cooperating guides (4), the device comprising, on each helmet side, a hook (3a) belonging to the chin guard and a hook (5) belonging to the helmet, one of which is moveable and subjected to the action of a return spring (9) and it is releasable by a user command, characterized in that at least the hook (5) subjected to the action of the return spring (9) is made of metallic material.

IPC 8 full level

**A42B 3/32** (2006.01)

CPC (source: EP US)

**A42B 3/326** (2013.01 - EP US)

Citation (search report)

- [XA] DE 3143796 A1 19830511 - BERNER REINHARD [DE]
- [AD] DE 10240744 B3 20040415 - SCHUBERTH WERK GMBH [DE]
- [A] DE 8225231 U1 19821209
- [A] WO 2008055688 A1 20080515 - GI VI SRL [IT], et al

Cited by

CN111685439A; IT201900006908A1; ITMI20100510A1; CN109788821A; WO2013044898A1; WO2016000687A1; DE202019001181U1; EP3708016A1

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2191738 A2 20100602; EP 2191738 A3 20110406; EP 2191738 B1 20120627;** AU 2009208066 A1 20100617; AU 2009208066 B2 20130718; ES 2389174 T3 20121023; IT MI20080394 U1 20100529; JP 2010126871 A 20100610; JP 5642367 B2 20141217; US 2010132095 A1 20100603

DOCDB simple family (application)

**EP 09010249 A 20090807;** AU 2009208066 A 20090810; ES 09010249 T 20090807; IT MI20080394 U 20081128; JP 2009213324 A 20090915; US 53537809 A 20090804