

Title (en)

Manufacturing method of components of a lever for a closing hook of sporting footwear

Title (de)

Herstellungsverfahren von Komponenten eines Hebels für einen Verschlussshaken von Sportschuhen

Title (fr)

Procédé de fabrication de composants d'un levier pour un crochet de fermeture de chaussures de sport

Publication

EP 2550888 B1 20130731 (EN)

Application

EP 12164567 A 20120418

Priority

IT TV20110110 A 20110729

Abstract (en)

[origin: EP2550888A1] The invention relates to a method for manufacturing a component 20, 30, 40 of a lever 10 for a closing buckle, comprising the following steps: manufacturing, by means of extrusion of an aluminium alloy billet, an extruded profile 20a extending in a plane XY and provided with at least two ribs 60 suitable for defining a groove 27 extending along the extrusion direction X; said ribs 60 extending at least partially along a direction Z which is perpendicular to the plane XY; partially blanking said extruded profile 20a in order to interrupt the structural continuity of the ribs 60 so as to define, along the groove 27, one or more guide seats 21a, 22a, 31a, 32a, 43a, 44a; bending the ribs 60 defining the guide seats 21a, 22a, 31a, 32a, 43a, 44a in order to obtain, along the groove 27, one or more holes 21, 22, 31, 32, 43, 44 suitable for housing the hinging pins 25, 34 and/or anchoring pins 24, 35 of the lever 10 and completely blanking the extruded profile 20a in order to separate the finished component 20, 30, 40 from the extruded profile 20a. The invention also relates to a component 20, 30, 40 of a lever 10 for a closing buckle obtainable according to the method of the present invention.

IPC 8 full level

A43C 11/14 (2006.01); **A43D 8/02** (2006.01); **B21C 23/00** (2006.01)

CPC (source: EP)

A43C 11/1406 (2013.01); **A43D 8/02** (2013.01); **B21C 23/142** (2013.01); **B21C 35/023** (2013.01); **B21C 35/026** (2013.01)

Cited by

EP2952289A1; IT201600125989A1; ITPN20120044A1; ITVE20130064A1; EP2881193A1; EP3143895A1; ITUB20153719A1; ITTV20130007A1; IT201700055990A1; ITVE20130056A1; ITUB20160019A1; EP2591695A1

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

DOCDB simple family (publication)

EP 2550888 A1 20130130; EP 2550888 B1 20130731; IT TV20110110 A1 20130130

DOCDB simple family (application)

EP 12164567 A 20120418; IT TV20110110 A 20110729