

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

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Application

EP 12164567 A 20120418

Priority

IT TV20110110 A 20110729

Abstract (en)

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

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Citation (search report)

- [A] EP 2238852 A1 20101013 - O L M SRL [IT]
- [A] EP 1714573 A1 20061025 - LANGE INT SA [CH]

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