

Title (en)

Method for manufacturing components of a closing device for sports footwear

Title (de)

Verfahren zur Herstellung Komponenten einer Schliessvorrichtung für Sportschuhwerk

Title (fr)

Procédé de fabrication d'un composant de dispositif de fermeture de chaussure de sports

Publication

EP 2238852 B1 20130130 (EN)

Application

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Priority

IT TV20090012 U 20090401

Abstract (en)

[origin: EP2238852A1] The present invention relates to a closing device (10) for sports footwear, which comprises a rack (20) and a lever (40) suitable for engaging with the rack (20) in at least one position. The lever (40) consists of a lever arm (50) and a forked lug (60) which are connected together by means of a tie-piece (70). The rack (20), the lever arm (50) and the forked lug (60) are made of an aluminium alloy and have a surface hardness factor of at least 90 HB. A suitable material is a 7000 series aluminium alloy. The invention also relates to a method for manufacturing the closing device (10). The method involves extruding a 7000 series aluminium alloy billet, stamping the components of the fastener in a blanking press and boring the obtained component.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2952289A1; EP3015014A1; ITPN20120044A1; ITVE20130064A1; EP2881193A1; ITUB20169962A1; IT202000000157A1; IT201700055878A1; IT201800004128A1; EP2550888A1; ITTV20110110A1; ITTV20100090A1; ITTV20130007A1; ITVE20130056A1; EP2859808A1; EP3143895A1; ITUB20153719A1; ITPN20110074A1; ITTV20100023A1; EP2591695A1

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