

Title (en)

AIR-PERMEABLE TONGUE FOR SHOES, COMPRISING A RIGID YET FLEXIBLE TONGUE PART

Title (de)

LUFTDURCHLÄSSIGE ZUNGE FÜR SCHUHE MIT EINEM RIGIDEN UND DENNOCH FLEXIBLEN ZUNGENTEIL

Title (fr)

LANGUETTE PERMÉABLE À L'AIR POUR CHAUSSURES, DOTÉE D'UNE PARTIE DE LANGUETTE RIGIDE MAIS FLEXIBLE

Publication

EP 2635149 A1 20130911 (DE)

Application

EP 11790733 A 20111103

Priority

- DE 102010060365 A 20101104
- EP 2011069277 W 20111103

Abstract (en)

[origin: WO2012059524A1] The invention relates to an air-permeable tongue for shoes (1) which adapts to an individual instep and can be connected to shoes, the tongue comprising the following: a flexible yet rigid tongue part (1), which substantially represents the outwardly facing upper face of the tongue and which has an elongate tongue shape having a proximal end (2) and a distal end (3) and substantially consists of a rigid, solid material; and padding (14), which is arranged beneath the rigid tongue part (1) toward a foot in order to protect the foot from pressure points by the rigid tongue part (1) after the shoe has been fastened; the rigid tongue part (1) being characterized in that an inner elongate slot (6; 6a; 6b), and extending therefrom inner transverse slots (7), are introduced into the tongue part substantially in the center along the longitudinal axis of the rigid tongue part (1), whereby rigid segments, which in their interior are not interrupted by the elongate slot (6; 6a, 6b) or by transverse slots (7), are produced between said elongate slots and transverse slots, and whereby narrowed and thus flexible material webs (5) are also produced at connecting points between the rigid segments, wherein, by means of said material webs, the rigid tongue part (1) can be deformed and adapt to the instep, and being further characterized in that the padding (14) has an inner elongate slot (14b), which is substantially congruent with the elongate slot (6; 6a, 6b) in the rigid tongue part (1).

IPC 8 full level

A43B 7/08 (2006.01); **A43B 23/26** (2006.01)

CPC (source: EP US)

A43B 7/085 (2013.01 - EP US); **A43B 23/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2012059524A1

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)

DE 202010017401 U1 20110929; CN 103228165 A 20130731; DE 102010060365 A1 20120510; EP 2635149 A1 20130911; US 2013219747 A1 20130829; WO 2012059524 A1 20120510

DOCDB simple family (application)

DE 202010017401 U 20101104; CN 201180053468 A 20111103; DE 102010060365 A 20101104; EP 11790733 A 20111103; EP 2011069277 W 20111103; US 201113882184 A 20111103