

Title (en)
STUDS FOR SPORTS SHOES

Title (de)
STOLLEN FÜR SPORTSCHUHE

Title (fr)
CRAMPONS POUR CHAUSSURES DE SPORT

Publication
EP 3108761 A1 20161228 (EN)

Application
EP 16175027 A 20160617

Priority
DE 102015211927 A 20150626

Abstract (en)

The present invention relates to a stud (10) for a shoe comprising: a first part (11) for engaging a ground, wherein the first part (11) has a shape which provides for a higher traction along at least a first direction (23) compared to a second direction (25) different from the first direction (23); and is adapted, such that it can be secured relative to a shoe sole (13) in at least two different positions, wherein in a first position the first direction (23) is oriented differently relative to the shoe sole than in a second position.

IPC 8 full level
A43B 5/02 (2006.01); **A43C 15/16** (2006.01)

CPC (source: CN EP)
A43B 5/02 (2013.01 - EP); **A43C 15/161** (2013.01 - EP); **A43C 15/162** (2013.01 - CN); **A43C 15/164** (2013.01 - EP)

Citation (applicant)

- US 6357146 B1 20020319 - WORDSWORTH ELLIOT DAVID [GB], et al
- WO 2014022259 A1 20140206 - NIKE INTERNATIONAL LTD, et al
- US 2009211118 A1 20090827 - KRIKORIAN RAND J [US], et al
- DE 102008025289 A1 20091203 - EIFLER CLAUS [DE], et al
- WO 2005072551 A1 20050811 - LCS INTERNAT B V [NL], et al
- EP 0815759 A2 19980107 - DIADORA SPA [IT]

Citation (search report)

- [Y] EP 0451379 A1 19911016 - CHEN CHI MING [TW]
- [YD] DE 102008025289 A1 20091203 - EIFLER CLAUS [DE], et al
- [Y] WO 2015073636 A1 20150521 - NIKE INNOVATE CV [US], et al
- [A] US 8925219 B2 20150106 - NAPURANO JOSEPH [US], et al
- [A] US 3577663 A 19710504 - MERSHON HOWARD BRUCE

Cited by
CN113892726A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)

EP 3108761 A1 20161228; EP 3108761 B1 20180418; CN 106263277 A 20170104; CN 106263277 B 20190531;
DE 102015211927 A1 20161229

DOCDB simple family (application)

EP 16175027 A 20160617; CN 201610471739 A 20160624; DE 102015211927 A 20150626