

Title (en)
IMPACT-CUSHIONING LOCALISED SUPPORT ELEMENT DIRECTLY OR INDIRECTLY IN CONTACT WITH THE GROUND FOR SPORTSWEAR SOLE

Title (de)
PUNKTDRUCKDÄMPFUNGELEMENT MIT DIREKTEM ODER INDIREKTEM BODENKONTAKT FÜR SPORTSCHUHSOHLN

Title (fr)
ELEMENT D'APPUI PONCTUEL DIRECT OU INDIRECT AU SOL AMORTISSEUR DE CHOCS POUR SEMELLE DE CHAUSSURES DE SPORTS

Publication
EP 1253835 A1 20021106 (FR)

Application
EP 01904031 A 20010202

Priority

- FR 0100314 W 20010202
- FR 0001470 A 20000207
- FR 0100904 A 20010124

Abstract (en)
[origin: WO0156420A1] The invention concerns an impact-cushioning localised support element directly or indirectly in contact with the ground comprising a head (1) having internally and axially a blind perforation (4) defining a bore forming a skirt (6) wherein is inserted a piston (5) forming a body for being fixed with the base having interposed between them means locking rotation and limiting sliding stroke. The invention is characterised in that an impact-cushioning block (15) is urged by its front surface to be pressed frontward against an outer flange (3) of the head (1) and rearwards on the shoe peripherally to the body forming a piston (5) such that said sliding head (1) is compressed on said impact-cushioning block (15) for support in use. The invention is useful for making studs for boots, in particular football boots and for supporting boots equipped with in-line rollers and for basketball or running footwear.

IPC 1-7
A43C 15/16; A43B 5/16; A63C 17/06; A63C 17/20; A43B 13/18; A43B 5/06

IPC 8 full level
A43B 5/06 (2006.01); **A43B 5/16** (2006.01); **A43B 13/18** (2006.01); **A43C 15/16** (2006.01); **A63C 17/06** (2006.01)

CPC (source: EP)
A43B 1/0072 (2013.01); **A43B 5/06** (2013.01); **A43B 5/1658** (2013.01); **A43B 13/184** (2013.01); **A43B 13/186** (2013.01); **A43C 15/168** (2013.01); **A63C 17/0046** (2013.01); **A63C 17/06** (2013.01)

Citation (search report)
See references of WO 0156420A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0156420 A1 20010809; AU 3196001 A 20010814; EP 1253835 A1 20021106

DOCDB simple family (application)
FR 0100314 W 20010202; AU 3196001 A 20010202; EP 01904031 A 20010202