

Title (en)
Metal reinforcement for heels

Title (de)
Metallische Verstärkung für Absätze

Title (fr)
Élément métallique de renforcement pour talons

Publication
EP 1518473 A1 20050330 (EN)

Application
EP 04013805 A 20040611

Priority
IT PD20030225 A 20030926

Abstract (en)
An element finding place in shoe heels, in particular of woman's shoes, which has the function of reinforcing the same thin heel. That reinforcement core is characterized by a structure and a cost which are comparable with commonly used cores, but with a bigger moment of inertia. The structure is a extended tubular configuration 6 with edges near to each other which are folded up inwards and leaned against the internal part of the external element 6, edges which almost make a second internal tubular element, with the expedient that said internal tubular element doesn't concern the end part of the base, leaving the cavity free for the insertion of the nail 7 of the low heel 8. <IMAGE>

IPC 1-7
A43B 21/02; **A43B 21/24**; **A43B 13/37**

IPC 8 full level
A43B 13/37 (2006.01); **A43B 21/02** (2006.01); **A43B 21/24** (2006.01)

CPC (source: EP)
A43B 13/37 (2013.01); **A43B 21/025** (2013.01); **A43B 21/24** (2013.01)

Citation (search report)

- [X] GB 2214400 A 19890906 - CHAMBERLAIN PHIPPS PLC [GB]
- [X] US 3152408 A 19641013 - FRANK THIESSEN HENRY
- [X] GB 2012557 A 19790801 - DELTA HEELS LTD
- [X] DE 521513 C 19310323 - FRED MACCARONE, et al
- [X] US 3184865 A 19650525 - RONCI FERNANDO M

Cited by
IT201700034679A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1518473 A1 20050330; IT PD20030225 A1 20050327

DOCDB simple family (application)
EP 04013805 A 20040611; IT PD20030225 A 20030926