

Title (en)

Attachment system for tips to shoe heels

Title (de)

Befestigungssystem für Laufflecken an Schuhabsätzen

Title (fr)

Système de fixation pour bonbouts sur talons de chaussure

Publication

EP 2422637 A1 20120229 (EN)

Application

EP 11003066 A 20110412

Priority

ES 201031185 A 20100729

Abstract (en)

The system consists of the corresponding tip (1) being provided with protuberances (3) which are housed in and attached to the holes (4) established in a complementary manner in the corresponding heel (2), the attachment being secured by means of nails passing through the tip (1), in correspondence with the protuberances (3), producing an expansion of the latter and their corresponding pressure, adjustment and attachment to the holes (4) of the heel (2). Said tip (1) can include projections (5, 5') which are positioned in recesses or depressions (6, 6'), respectively, established for the purpose in the heel (2), those projections (5, 5') constituting means of protection for the actual heel.

IPC 8 full level

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CPC (source: EP ES)

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Citation (search report)

- [X] FR 1156081 A 19580512
- [I] FR 1319410 A 19630301
- [I] FR 1183854 A 19590715
- [Y] FR 1379000 A 19641120
- [Y] DE 1848849 U 19620322 - VONTINENTAL GUMMI WERKE AG [DE]
- [A] GB 644688 A 19501018 - DAVID HILL LTD, et al
- [A] DE 3936482 A1 19910508 - TRAEDER HERBERT WALTER [DE]

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

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