

Title (en)

Heel pins for ladies' shoes.

Title (de)

Fersenstift für Damenschuhe.

Title (fr)

Pointe de talon pour chaussure de femme.

Publication

EP 0379345 A1 19900725 (EN)

Application

EP 90300464 A 19900117

Priority

EP 90300464 A 19900117

Abstract (en)

A heel pin is provided for attaching a top piece to the heel of a ladies' shoe. The pin comprises a shank 10 separated from a head 12 by a collar 14, the head being of a small size relative to the diameter of the shank so that the heel pin is suitable for use in particularly slender heels. The head 12 contains a cup 26 with at least one aperture 22 cut through a side of the head to the cup, so that the plastics material of the top piece 28 or of a cap 24 passes through the aperture to provide a mechanical interlock with the head 12.

IPC 1-7

A43B 21/42

IPC 8 full level

A43B 21/20 (2006.01); **A43B 21/36** (2006.01)

CPC (source: EP)

A43B 21/20 (2013.01); **A43B 21/36** (2013.01)

Citation (search report)

- [A] GB 2076632 A 19811209 - ABBEY PLASTICS LTD
- [A] GB 1096664 A 19671229 - GRAHAM OLIVER LUFF, et al
- [A] US 3119192 A 19640128 - RONCI FERNANDO M
- [A] US 3074187 A 19630122 - KLEIN WILLIAM H
- [A] FR 1431039 A 19660311
- [A] FR 1409879 A 19650903
- [A] US 4403426 A 19830913 - KAPLAN S RICHARD [US]

Designated contracting state (EPC)

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