

Title (en)

Automatic fixing device for insoles applicable to footwear lasts.

Title (de)

Automatische Befestigungsvorrichtung von Brandsohlen, anwendbar auf Schuhleisten.

Title (fr)

Dispositif automatique de fixation de semelles premières applicable à des formes.

Publication

**EP 0222964 A1 19870527 (EN)**

Application

**EP 85830280 A 19851113**

Priority

EP 85830280 A 19851113

Abstract (en)

A moving rod (1), sliding within a tubular body (2) forced in a hole (14) of a last (13) or sliding directly in a hole (14') made in the last itself (13) has one end fitted with a comb (5) having pointed prongs (4) and the other end having spherical, or rounded ends(7). The pointed prongs (4) protrude from the bottom (15) of the last (13) while the other end is aligned with a pressor piston (8). Two inclined and contrasted devices are mounted on each last, so that the points of the respective prongs (4) protrude from the bottom (15), resulting inclined, contrasted and orientated with one another, towards the toe (27) and towards the heel (28) respectively. When the prongs (4) of the two devices are embedded into the insole surface (16) by the pressor piston (8) it remains adhering and fixed to the bottom (15) of the last (13) thanks to the contrasted orientation of the said prongs.

IPC 1-7

**A43D 3/02**; **A43D 11/00**

IPC 8 full level

**A43D 3/02** (2006.01); **A43D 11/00** (2006.01)

CPC (source: EP)

**A43D 3/022** (2013.01); **A43D 11/006** (2013.01)

Citation (search report)

- [X] US 1806417 A 19310519 - POOLE ROSCOE D
- [A] FR 967178 A 19501027
- [A] DE 644115 C 19370424 - JAKOB FAUL
- [A] US 1370574 A 19210308 - WRIGHT HARRY T, et al
- [A] US 3935609 A 19760203 - BROTHIE WALTER J

Cited by

EP0676152A3; EP0916280A3; US9713361B2; CN105188453A; EP3342303A1; WO2010072015A1; US9259877B2; US9862160B2; KR100416584B1; WO9218026A1; WO2014126952A3; US9351540B2; US9961964B2; US10010140B2; US10582742B2

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