

Title (en)

MACHINE FOR LASTING SIDE PORTIONS OF SHOE UPPERS

Publication

EP 0050429 A3 19821006 (EN)

Application

EP 81304527 A 19810930

Priority

- FR 8022148 A 19801016
- GB 8035768 A 19801107

Abstract (en)

[origin: EP0050429A2] A side lasting machine has a last support (10), on which a last can be supported, bottom uppermost, and two side lasting assemblies (16), arranged one at each side of the last support. Each assembly (16) comprises a plurality of lasting fingers (46), a plurality of clamp pads (72), disposed each beneath a pair of the fingers (46) and mounted for limited pivotal movement about a vertical axis (136), and a plurality of lasting bands (128), depending one from each finger 146) and interposed between the pads (72) and shoe upper. In operation, as the fingers (46) move inwardly, the bands (128), held against the upper with sufficient pressure to allow slip between the bands (128) and pads (72), are drawn upwardly and the upper is thus updrafted, before being secured to the insole. In the rest condition, the fingers (46) are disposed above the level of the insole. As they move inwardly they also move downwardly on to the shoe, thus avoiding any need to set their heightwise position for different shoe styles.

IPC 1-7

A43D 21/00

IPC 8 full level

A43D 21/00 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] US 1943344 A 19340116 - PYM CHARLES F
- [AD] GB 1559171 A 19800116 - CLARK LTD C & J
- [AD] US 1722499 A 19290730
- [AD] US 1843232 A 19320202 - BERNHARDT JORGENSEN
- [AD] GB 1079611 A 19670816 - BRITISH UNITED SHOE MACHINERY
- [AD] GB 1339835 A 19731205 - GOTTWALDOV Z PRES STROJ NP

Cited by

EP0091300A1; EP0339835A3; EP0073642A3; US6266686B1

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EP 0050429 A2 19820428; EP 0050429 A3 19821006; EP 0050429 B1 19850327; EP 0050429 B2 19920122; CS 253563 B2 19871112; CS 761581 A2 19840618; DE 3169563 D1 19850502; ES 506898 A0 19821201; ES 8301096 A1 19821201; WO 8201302 A1 19820429

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