

Title (en)

Method and apparatus for manufacturing shoes using wooden lasts.

Title (de)

Verfahren und Maschine zum Herstellen von Schuhen mit Holzschuhleisten.

Title (fr)

Méthode et appareil pour la fabrication de chaussures avec des formes en bois.

Publication

EP 0676152 A3 19960605 (EN)

Application

EP 95302251 A 19950404

Priority

JP 9375394 A 19940407

Abstract (en)

[origin: EP0676152A2] The present invention discloses a shoe making mechanism and a manufacturing method of a shoe, in which a work for fastening an inner sole to a wooden last can be done easily and speedily. In the manufacturing method of the shoe, metal plates (23,24) having a magnetic absorption property are stuck to an inner sole (21) to form a magnetic absorption portion. On the other hand, magnets (33,34) are buried at positions corresponding to the metal plates (23,24) in a bottom portion of a wooden last (31). The metal plates (23,24) are attached to the magnets (33,34) buried in the wooden last (31) so that the inner sole (21) is fastened to the wooden last (31). After the inner sole (21) is fastened to the wooden last (31), the wooden last (31) is covered with an upper, and the upper and the inner sole are joined by stitches.

IPC 1-7

A43D 3/02

IPC 8 full level

A43B 13/38 (2006.01); **A43D 3/02** (2006.01)

CPC (source: EP KR)

A43B 13/38 (2013.01 - KR); **A43D 3/022** (2013.01 - EP)

Citation (search report)

- [X] DE 1198244 B 19650805 - BAIN CORP
- [X] EP 0222964 A1 19870527 - ANZANI GIUSEPPE
- [X] WO 9221259 A1 19921210 - BREME TECNICA [IT]
- [X] DE 245208 C
- [X] DE 2361263 A1 19750612 - HOFFMANN GMBH GUSTAV

Designated contracting state (EPC)

DE ES FR GB GR IT PT

DOCDB simple family (publication)

EP 0676152 A2 19951011; **EP 0676152 A3 19960605**; **EP 0676152 B1 20010816**; CN 1114170 A 19960103; CN 1126479 C 20031105; DE 69522130 D1 20010920; DE 69522130 T2 20020411; ES 2162631 T3 20020101; JP 2544709 B2 19961016; JP H07275006 A 19951024; KR 100416584 B1 20040623; KR 950030903 A 19951218; PT 676152 E 20020130

DOCDB simple family (application)

EP 95302251 A 19950404; CN 95102320 A 19950407; DE 69522130 T 19950404; ES 95302251 T 19950404; JP 9375394 A 19940407; KR 19950007959 A 19950406; PT 95302251 T 19950404