

Title (en)

LAST FOR THE MANUFACTURE OF SHOES ON A COMPUTER-CONTROLLED TRANSFER PATH

Publication

EP 0379931 A3 19920115 (DE)

Application

EP 90100804 A 19900116

Priority

DE 8900722 U 19890124

Abstract (en)

[origin: US5054147A] A fabrication last (10) for shoe manufacture on a computer-controlled transfer line comprises a toe part (11) and a heel part (12) which are displaceable relative to one another. The two last parts (11, 12) are held together by means of a lock (20). The latter comprises a flat metal part (21), which is fixed in one of the last parts (12) by means of screws (29), and an elongated hole (22) which extends between the two last parts (11, 12) substantially parallel to the sectional area (13). A stepped bore hole (14), in which a fork (23) is guided, is provided in the other last part (11). This fork (23) comprises a fork head (23.1) whose two sides overlap the flat metal part (21). A transverse pin (24) which engages through the elongated hole (22) and in this way holds together the two last parts (11, 12) is supported in the fork head (23.1). A two-piece receiving plate (30.1, 30.2) serves to fix the last (10) at the work stations of the transfer system. In order also to ensure a secure and permanent adjustment of the receiving plate (30.1, 30.2) in the last (10) comprising plastic, a bore hole (31.1, 31.2) is inserted in each instance into the last parts (11, 12) below and parallel to the receiving plate (30.1, 30.2). These bore holes (31.1, 31.2) comprise in each instance a metal part (32.1, 32.2) which is provided with threaded bore holes (34). The fastening screws (33.1, 33.2) of the receiving plate (30.1, 30.2) engage in these threaded bore holes (34).

IPC 1-7

A43D 3/14; **A43D 3/02**

IPC 8 full level

A43D 3/02 (2006.01); **A43D 3/14** (2006.01); **A43D 23/02** (2006.01)

CPC (source: EP US)

A43D 3/024 (2013.01 - EP US); **A43D 3/027** (2013.01 - EP US); **A43D 23/025** (2013.01 - EP US)

Citation (search report)

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- [Y] DE 1068156 B
- [Y] US 1828640 A 19311020 - BENNETT ALBERT W
- [Y] GB 889838 A 19620221 - STRODE COMPONENTS LTD

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CN108652133A

Designated contracting state (EPC)

AT CH DE DK ES FR GB IT LI

DOCDB simple family (publication)

US 5054147 A 19911008; AT E115837 T1 19950115; DD 291690 A5 19910711; DE 59008043 D1 19950202; DE 8900722 U1 19890309; DK 0379931 T3 19950522; EP 0379931 A2 19900801; EP 0379931 A3 19920115; EP 0379931 B1 19941221; ES 2067571 T3 19950401; PT 92927 A 19910930

DOCDB simple family (application)

US 46856290 A 19900123; AT 90100804 T 19900116; DD 33727790 A 19900123; DE 59008043 T 19900116; DE 8900722 U 19890124; DK 90100804 T 19900116; EP 90100804 A 19900116; ES 90100804 T 19900116; PT 9292790 A 19900123