

Title (en)

MACHINE FOR OPERATING PROGRESSIVELY ON A LASTED SHOE ALONG A DESIRED PATH

Title (de)

MASCHINE ZUM FORTSCHREITENDEN BEARBEITEN AUSGEWÄHLTER ABSCHNITTE EINES AUF LEISTEN AUFGESPANNTEN SCHUHES

Title (fr)

MACHINE SERVANT A EFFECTUER UNE OPERATION PROGRESSIVE SUR UNE CHAUSSURE LE LONG D'UN TRAJET VOULU

Publication

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Application

**EP 95910659 A 19950309**

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Abstract (en)

[origin: WO9524838A1] A shoe bottom roughing machine comprises a shoe support (10) and tool supporting means (12) including a tool support member (50) between which and the shoe support relative movement is effected lengthwise, widthwise and heightwise of the bottom of a shoe supported by the shoe support. The tool support member (50) supports a single roughing tool (698) in the form of a rotary radial wire brush and the brush is mounted for swivelling movement about a vertical axis. The various motors (34, 66, 84, 148) for effecting these movements are n.c. motors and a computer control, using programmed instructions, is used for determining the path of the tool along the shoe bottom. For supporting the tool support member (50) for its various movements, a double parallel linkage arrangement (44, 46, 50; 42, 46, 50, 58) is provided which is effective to maintain the tool in its heightwise orientation in relation to the shoe bottom while providing lightness and rigidity for the tool mounting. For effecting rotation of the brush, a single drive belt (122) is provided, driven by a motor (110) which itself is movable to maintain the tension in the belt during widthwise and heightwise movement of the tool support member (50) relative to the shoe support (10).

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