

Title (en)

Machine for performing a roughing operation progressively along marginal portions of shoe bottoms.

Title (de)

Vorrichtung zum fortschreitenden Aufrauen von Randbereichen der Schuhböden.

Title (fr)

Machine pour le cardage progressif des parties marginales des dessous de chaussure.

Publication

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Application

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Priority

- GB 8019008 A 19800610
- US 15814980 A 19800610

Abstract (en)

A computer-controlled machine for progressively roughing marginal portions of shoe bottoms comprises a tool support arm [30], on which two rotary roughing brushes [168] are carried side-by-side, and a shoe support [18] between which and the arm [30] relative movement takes place lengthwise, widthwise and heightwise of the shoe bottom. The relative lengthwise movement is fore-and-aft, one of the tools [168] operating on the shoe bottom during forward movement, and the other [168] during rearward movement. For effecting relative movement in three dimensions numerically controlled motors [144, 84, 122] are used. Also a further motor [232] controls tilting of the brushes [168] about a transverse axis passing through their operating surfaces. Grinding means [630] is also provided, comprising grinding stones [630] rotating in such a manner that the operative surfaces thereof are moving in the same direction as the brush surface portions being ground, but at significantly greater speed.

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A43D 37/00

IPC 8 full level

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Citation (search report)

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- US 3735437 A 19730529 - KROLIKOV B, et al
- GB 1217675 A 19701231 - BRITISH UNITED SHOE MACHINERY
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