

Title (en)
METHOD AND PLANT FOR THE AUTOMATIC FABRICATION OF FOOTWEAR

Title (de)
VERFAHREN ZUM AUTOMATISIERTEN HERSTELLEN VON SCHUHEN, UND ENTSPRECHENDE HERSTELLINGSANLAGE

Title (fr)
PROCEDE DE FABRICATION AUTOMATIQUE DE CHAUSSURES, ET INSTALLATION CORRESPONDANTE

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Application
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- ES 9400759 A 19940411
- ES 9400965 A 19940506
- ES 9401298 A 19940614
- ES 9401739 A 19940803
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- ES 9500095 A 19950119

Abstract (en)
The process applies to the fabrication of any type of footwear, requiring only three operators. The plant includes two conveyor belts (23, 24), in continuous closed cycles, one carrying the lasts (68) and the other one carrying the soles, the belts crossing each other at different points, the first belt over the second belt. In certain sectors of both belts (23, 24), loops are provided to adjust the size to drying or waiting times so that a same robot can carry out various operations. At the points where are carried out works on the shoe, the shoe support corresponding to the conveyor belts (23, 24) is stopped. In the process, a robot (27) places the inner soles on the last (68), the latter carrying, inside, a plurality of data, concerning the model and number, for the right foot and left foot, the sole and other data; another operator mounts the toes, the heels and the shanks, and rotates by 90 DEG the shoe support (23) for its introduction into the heat oven (31). Other robots are used respectively to emboss the shoe, card the upper, apply adhesive both to the sole and the shoe, and a last operator joins the sole to the shoe. <MATH>

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