

Title (en)

A machine for roughing edge portions of the upper in the manufacture of footwear

Title (de)

Maschine zum Aufrauhen von Schuhoberteilrändern bei der Herstellung von Schuhwaren

Title (fr)

Machine pour dépolir les bords de tiges et pour la fabrication de chaussures

Publication

EP 0726038 A1 19960814 (EN)

Application

EP 95830034 A 19950210

Priority

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Abstract (en)

A machine for roughing the side edge portions (15, 16) of a footwear upper (14) which are folded against the base of the last (13) on which the upper is fitted, comprising means (31, 53, 55) for supporting the last (13) with its base facing upwards, means (10) for supporting a pair of rotary roughing tools (2, 3) with their operative peripheries facing the base of the last (13), each tool being intended to roughen a respective edge portion (15, 16) of the upper (14) which extends beside the longitudinal toe-to-heel axis (PT) of the last, guide means (24, 25) for the movement of the support means for the last relative to the roughing tools (2, 3), drive means (40, 46, 30) for moving the support means for the last on the guide means, drive means (4, 5) for rotating the rotary roughing tools, and electronic means (63) for detecting the size and shape of the last (13), for processing them, and for sending corresponding control signals to the drive means. The support means (31, 53, 55) for the last are movable only rectilinearly and angularly in a plane parallel to the vertical plane containing the toe-to-heel axis (PT) of the last (13), whereas the means (10) for supporting the pair of rotary roughing tools (2, 3) can be moved rectilinearly transverse the toe-to-heel axis (PT) of the last (13). The advantage achieved is a simple mechanical structure, which can be controlled and operated easily in order to carry out the roughing cycle. <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [A] EP 0135201 A2 19850327 - LEADER COMPANY LIMITED [JP]
- [A] EP 0596570 A1 19940511 - MEC B D F S R L OFF [IT]
- [DA] EP 0043645 A1 19820113 - BRITISH UNITED SHOE MACHINERY [GB], et al

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