

Title (en)

Footwear assembly machine with programmable visible reference means

Title (de)

Vorrichtung zum Zusammenbau eines Schuhes mit sichtbaren programmierbaren Referenzmarken

Title (fr)

Machine d'assemblage d'une chaussure à points de repère programmables et visibles

Publication

EP 0962159 A3 20010725 (EN)

Application

EP 99201694 A 19990528

Priority

IT MI981211 A 19980601

Abstract (en)

[origin: EP0962159A2] A footwear assembly machine comprises a work station (11) receiving a shoe-tree (12) on which is positioned an upper (23) and light projectors (13) projecting luminous reference marks (24) on the upper in the work station. The projectors are powered to move on command the luminous reference marks projected with control means (14) controlling movement of the projectors to direct each luminous reference mark towards a predetermined position on reception of a preparation signal (16). <IMAGE>

IPC 1-7

A43D 21/00; **A43D 11/00**; **A43D 119/00**; **A43D 9/00**; **A43B 21/00**; **A43D 1/00**

IPC 8 full level

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CPC (source: EP)

A43D 11/00 (2013.01); **A43D 21/00** (2013.01); **A43D 119/00** (2013.01)

Citation (search report)

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- [A] EP 0797938 A1 19971001 - MOLINA & BIANCHI SPA [IT]
- [A] EP 0499423 A2 19920819 - BRITISH UNITED SHOE MACHINERY [GB], et al
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CN114536156A

Designated contracting state (EPC)

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EP 0962159 A2 19991208; **EP 0962159 A3 20010725**; **EP 0962159 B1 20031203**; BR 9902631 A 20000111; DE 69913246 D1 20040115; DE 69913246 T2 20040923; IT MI981211 A1 19991201

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