

Title (en)

Tray conveying device with multiple work stations

Title (de)

Plattenfördereinrichtung mit mehreren Arbeitsstationen

Title (fr)

Dispositif pour le transfert de plateaux entre une chaîne d'entraînement et des postes de travail

Publication

EP 0691089 B1 19990324 (FR)

Application

EP 95420183 A 19950703

Priority

FR 9408441 A 19940704

Abstract (en)

[origin: EP0691089A1] The device is for transferring slabs (4), each being transported on the endless chain conveyor (2) between fixed workstations (3) and carrying two upright pegs (13) with points for supporting a piece (15) on which a workpiece such as a shoe (1) is mounted for machining. The slab is transferred to each workstation by a bar (22) engaging in a dovetail slot (11) before being driven laterally by a magnetically coupled jack (24) under the worktable (19). The position of the slab w.r.t. pairs of lateral guides (20,21) is checked by means of three detectors (31,33,35) immediately ahead of retractable stops (32,34,36). The piece (15) is gripped between fixed and movable jaws (27,28) for the machining operation. The detectors are coupled to a programmable computer system. <IMAGE>

IPC 1-7

A43D 111/00; B65G 37/02

IPC 8 full level

A43D 111/00 (2006.01)

CPC (source: EP KR US)

A43D 5/02 (2013.01 - KR); **A43D 111/00** (2013.01 - EP US); **A43D 117/00** (2013.01 - KR)

Cited by

WO0180679A1; FR2825242A1; FR2781344A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI PT SE

DOCDB simple family (publication)

EP 0691089 A1 19960110; **EP 0691089 B1 19990324**; AT E177917 T1 19990415; DE 69508472 D1 19990429; DE 69508472 T2 19991021; DK 0691089 T3 20000605; ES 2133694 T3 19990916; FR 2721913 A1 19960105; FR 2721913 B1 19970110; GR 3030607 T3 19991029; KR 100380694 B1 20030809; KR 960003629 A 19960223; TW 283132 B 19960811; US 5826692 A 19981027

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