

Title (en)
Assembling device for the upper and the sole of a shoe

Title (de)
Montiermaschine für Oberteil und Sohle eines Schuhes

Title (fr)
Dispositif d'assemblage de la tige et de la semelle d'une chaussure

Publication
EP 0780065 B1 20010404 (FR)

Application
EP 96420359 A 19961218

Priority
FR 9515207 A 19951218

Abstract (en)
[origin: EP0780065A1] The unit consists of a conveyor (2) for delivering plates (3) carrying lasts (4) with uppers or soles (5), and a bench (7) with a series of tracks (8) perpendicular to the conveyor, equipped with transfer mechanisms for moving the plates between the conveyor and a point at some distance from it. The unit also has a robot (12) situated to one side of the bench opposite the conveyor, a press (13) to one side of the robot, and a manual assembly post for uppers and soles at the other side. During operation the robot picks up a last with an upper, turns it and transfers it towards a sole which has its edges held open by grippers so that the upper can be inserted and fixed with adhesive.

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CPC (source: EP US)
A43D 111/00 (2013.01 - EP US); **A43D 117/00** (2013.01 - EP US); **A43D 119/00** (2013.01 - EP US)

Cited by
ES2142239A1; EP2337675A4; US9095191B2; US9968163B2; US11317681B2; EP2780849A4; EP3318153A1; CN108013544A; EP3361403A1; EP4062790A1; EP2780847A4; CN110223353A; EP3689175A1; US10552551B2; US11341291B2; US11763045B2; US10194716B2; US11266207B2; US11641911B2

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