

Title (en)

Method and apparatus for applying glue on screws

Title (de)

Verfahren und Vorrichtung zum Aufbringen von Leim auf Schrauben

Title (fr)

Machine à déposer de la colle sur des vis et procédé associé

Publication

EP 1279441 B1 20080409 (FR)

Application

EP 02102052 A 20020723

Priority

FR 0109875 A 20010724

Abstract (en)

[origin: EP1279441A1] A machine for applying an adhesive (2) to the threaded shanks of small screws (3) has an adjustable guide rail (5) along which screws travel past a rotary tempered steel disc (26) applicator (6). The applicator applies adhesive to the screws, rotates them, and pushes them along the rail. The adhesive is then dried and the screws collected. A machine, designed to apply an adhesive (2) to the threaded shanks of small screws (3), has an applicator (6) in the form of a rotary tempered steel disc (26) that picks up the adhesive from a bath (27). The screws are picked up from a container (12) and pass along a guide rail (5) in the form of two parallel strips (18) set with an adjustable gap and at a variable angle of inclination to facilitate the screws' movement. As they pass the disc a layer of adhesive is applied to the shank of each screw, which is rotated by the disc and pushed along the rail. Once the adhesive has been dried by a blower (21) which directs air (23) towards the outlet end of the conveyor, the screws drop into a collector (24).

IPC 8 full level

B05C 1/02 (2006.01)

CPC (source: EP)

B05C 1/027 (2013.01)

Cited by

CN110833972A; CN101811110A; CN102897494A; CN114985194A; CN114602740A; CN103286048A; CN109420592A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1279441 A1 20030129; EP 1279441 B1 20080409; AT E391560 T1 20080415; DE 60225975 D1 20080521; FR 2827797 A1 20030131; FR 2827797 B1 20040716

DOCDB simple family (application)

EP 02102052 A 20020723; AT 02102052 T 20020723; DE 60225975 T 20020723; FR 0109875 A 20010724