

Title (en)
Apparatus for applying a lacquer

Title (de)
Vorrichtung zum Auftragen von Lack

Title (fr)
Dispositif d'application de vernis

Publication
EP 1080790 A3 20041222 (DE)

Application
EP 00111451 A 20000527

Priority
DE 29915401 U 19990902

Abstract (en)
[origin: EP1080790A2] The conveyor (1) has a soft, rubbery layer on its surface, of specified thickness and elasticity. As a result of its own weight, and/or pressure from the coating roller, the workpiece is pressed down into this layer. This brings edge recesses on the underside of the workpiece (4) into contact with the surface of the layer. Preferred features: The thickness of the rubbery layer is at least double the depth of the recess. Rubbery layer thickness is 7-9 mm or more. It is made of a foam rubber on a fabric belt 1-4 mm thick. Attachment is by adhesion or vulcanization. A counter roller (9) or guide below the belt supports it against the coating roller (5). Spacing between coating roller and rubbery layer in the non-compressed state is several millimeters less than the thickness of the workpiece in the non-profiled region. It is especially millimeters less than the recess depth. The coating roller is adjacent to a counter-rotating dosing roller (6). The upper reservoir (7) so formed, contains the coating material, and the gap partially controls dosing.

IPC 1-7
B05C 1/08; **B65G 15/32**

IPC 8 full level
B05C 1/02 (2006.01); **B05C 1/08** (2006.01)

CPC (source: EP)
B05C 1/025 (2013.01); **B05C 1/0821** (2013.01)

Citation (search report)
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