

Title (en)

Method, apparatus and template band for making three-dimensional profiled roadsurfacings

Title (de)

Verfahren, Vorrichtung und Schablonenband zur Herstellung dreidimensional profilierter Oberflächen von Strassenbelägen

Title (fr)

Procédé, dispositif et bande de gabarit pour réaliser des surfaces routières profilées tridimensionnelles

Publication

EP 1584747 A3 20060315 (DE)

Application

EP 05007517 A 20050406

Priority

DE 102004017974 A 20040406

Abstract (en)

[origin: EP1584747A2] The appliance consists of a frame (1) with chassis (11), a first and a second roller body (2,3) with the same diameter, and a tension roller (4) between the two. The three rollers are mounted axis-parallel on the frame. A continuous flexible stencil band (5) extends around all three rollers. The first roller has a vertical adjustment device (7) to adjust its position relative to the surface (6) of the road surface material. The device has a regulator element (8) for the pressure applied by that roller to the surface. The tension roller has a similar element (9) to regulate the power it applies to the stencil band. Each element is formed by a spring or a hydraulic cylinder. The appliance has an edge shuttering, which slides flat along the sides of a green concrete body. The appliance chassis has an electrical, hydraulic, or IC engine drive with continuously adjustable speed.

IPC 8 full level

E01C 19/43 (2006.01)

CPC (source: EP US)

E01C 19/43 (2013.01 - EP US)

Citation (search report)

- [XAY] US 2002064573 A1 20020530 - SON CHEUL JU [KR]
- [YA] US 3910711 A 19751007 - MOORHEAD WILLIAM V
- [XAY] US 6024511 A 20000215 - ROSS GUY [CA]
- [YA] US 4712943 A 19871215 - ALVARSSON YNGVE [SE]

Cited by

CN110565469A; CN112878640A

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DOCDB simple family (publication)

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