

Title (en)  
apparatus making three-dimensional profiled roadsurfacings

Title (de)  
Vorrichtung zur Herstellung dreidimensional profilierter Oberflächen von Strassenbelägen

Title (fr)  
dispositif pour réaliser des surfaces routières profilées tridimensionnelles

Publication  
**EP 1584747 B1 20100630 (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)

Cited by  
CN112878640A; CN110565469A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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