

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)
EP 1584747 A2 20051012; EP 1584747 A3 20060315; EP 1584747 B1 20100630; AT E472635 T1 20100715; DE 102004017974 A1 20051027; DE 102004017974 B4 20090430; DE 502005009808 D1 20100812; US 2006013654 A1 20060119

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