

Title (en)

METHOD FOR APPLYING ELEMENTS TO SURFACES OF CONSTRUCTED OBJECTS USED FOR ROAD TRAFFIC

Title (de)

VERFAHREN ZUM ANBRINGEN VON ELEMENTEN AUF OBERFLÄCHEN VON BAUOBJEKTEN DES STRASSENVERKEHRS

Title (fr)

PROCEDE POUR APPLIQUER DES ELEMENTS SUR DES SURFACES D'OBJETS DE CONSTRUCTION UTILISES DANS LE DOMAINE DE LA CIRCULATION ROUTIERE

Publication

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Application

**EP 02782630 A 20021223**

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Abstract (en)

[origin: WO03056104A1] The invention relates to an environmentally sound method for applying or fixing elements (2) to constructed objects used for road traffic. According to the invention, the element (2), which is at least partially made of a material that can be liquefied by mechanical energy, is positioned on the surface, is pressed against the surface, and is simultaneously subjected to a local mechanical stimulation whereby liquefying the liquefiable material, and the element (2) binds with the surface upon re-solidifying. The invention also relates to a mobile device (1) for applying elements (2) of this type, comprised of a device, which can travel by means of rolls or rollers (4, 5) and which is provided with at least one oscillating unit (10) consisting of a sonotrode (6), a converter (7) and of an amplifier (8), and with a generator (9). The element (2) is, for example, a marking or signaling element to be applied to roads or tunnel walls.

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