

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

Priority

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Abstract (en)

[origin: US7455475B2] An environmentally sound method for applying or fixing elements (2) to constructed objects used for road traffic. 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 to liquefy the liquefiable material, and the element (2) binds with the surface upon re-solidifying. A mobile device (1) for applying elements (2) of this type, includes device that can travel via rolls or rollers (4, 5) and that is provided with at least one oscillating unit (10) including a sonotrode (6), a converter (7) and of an amplifier (8), and with a generator (9). The element (2) may be a marking or signaling element to be applied to roads or tunnel walls.

IPC 1-7

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IPC 8 full level

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