

Title (en)  
COMPONENT KIT FOR THE PRODUCTION OF ROAD LAYOUT ELEMENTS AND METHOD OF PRODUCING OF THE SAME

Title (de)  
KOMPONENTENKIT ZUR HERSTELLUNG VON STRASSENLAYOUTELEMENTEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
KIT DE COMPOSANTS POUR LA FABRICATION D'ELEMENTS D'AMENAGEMENT DE LA CHAUSSEE ET PROCEDE DE FABRICATION DE TELS ELEMENTS

Publication  
**EP 2094619 A1 20090902 (FR)**

Application  
**EP 07856357 A 20071204**

Priority  
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• FR 0610567 A 20061204

Abstract (en)  
[origin: FR2909375A1] The component kit for a production of road layout elements such as elements reproducing a paving or pavement-like elements, comprises a powder consisting of a mixture of cement (40-50 wt.%), silica powder (30-40 wt.%), quartz particles (5-1 wt.0% and 8-12 wt.%) having a size of 0.2-1.6 mm and 0.8-1.8 mm and polypropylene synthetic fibers (0.05-0.1 wt.%), a liquid component containing a synthetic polymeric resin, a surface of aggregate component consisting of quartz particles (30-50 wt.%) having a size of 0.8-1.8 mm and 1-2.5 mm and silicon carbide particles (10-20 wt.%). The component kit for a production of road layout elements such as elements reproducing a paving or pavement-like elements, comprises a powder consisting of a mixture of cement (40-50 wt.%), silica powder (30-40 wt.%), quartz particles (5-10 wt.% and 8-12 wt.%) having a size of 0.2-1.6 mm and 0.8-1.8 mm and polypropylene synthetic fibers (0.05-0.1 wt.%), a liquid component containing a synthetic polymeric resin, a surface of aggregate component consisting of quartz particles (30-50 wt.%) having a size of 0.8-1.8 mm and 1-2.5 mm and silicon carbide particles (10-20 wt.%) having a size of 1.6 mm, a dye, and a natural polyethylene matrix delimiting a space. The quartz particles have different colors. The liquid component contains 0.178 L for 1 kg of powder. Independent claims are included for: (1) a process of fabricating road layout elements; (2) a mortar composition for fabricating road layout elements; and (3) a road layout element.

IPC 8 full level  
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