

Title (en)
Semi-flexible multi-layer paving

Title (de)
Halbflexibles, mehrlagiges Strassenbelagsystem

Title (fr)
Structure de chaussée multicouche semi-flexible

Publication
EP 2202359 A1 20100630 (EN)

Application
EP 09179027 A 20091214

Priority
IT MI20082335 A 20081229

Abstract (en)
A semi-flexible, multi-layer paving (pavement) for the construction of carriageways with high load stresses is described, comprising a bottom foundation layer (1) composed of a mixture of cement with crushed stone aggregates, and a base layer (2), positioned on top of the layer (1), composed of a mixture of cement with crushed stone aggregates with a high cement content, in which above the layer (2) are positioned a tack coat of overstabilized bituminous emulsion and a continuous surface layer (3) composed of a composite mixture deriving from a matrix formed by an open-graded bituminous mix, the voids being filled with a highly-fluid cement mortar and in which the stone aggregates of the layer (1) and of the layer (2) are recycled cementitious materials deriving from crushing of recycled concrete.

IPC 8 full level
E01C 7/26 (2006.01); **E01C 7/32** (2006.01)

CPC (source: EP)
E01C 7/26 (2013.01); **E01C 7/32** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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