

Title (en)

Composite structure for roads and roll-on areas.

Title (de)

Zusammengesetzter Aufbau für Strassen und Rollflächen.

Title (fr)

Structure composite pour chaussées et aires de roulement.

Publication

EP 0069015 A1 19830105 (FR)

Application

EP 82401169 A 19820624

Priority

FR 8112693 A 19810626

Abstract (en)

1. Composite structure for roadways and surfaced areas, based on bituminous mixtures comprising various superposed courses of materials bonded with a bituminous binder from a base course (6) in contact either with the foundation or with the roadway or area to be surfaced and a surfacing course (2), the said structure being characterised in that at least its base course (6) consists of a bituminous material capable of withstanding an alternating flexure fatigue test lasting for 10^6 cycles while being subjected to relative deformations greater than $1,5 \cdot 10^{-4}$, and in that the thickness of the said base course is restricted to at least a part of the zone subjected to tensile stresses (5) under the effect of a single moment acting on the composite structure.

Abstract (fr)

L'invention concerne une structure composite pour chaussées et aires de roulement. Ladite structure est caractérisée en ce que la partie inférieure au moins de cette structure composite est constituée d'un matériau à grande capacité d'allongement sous efforts répétés, et en ce que l'épaisseur de ladite partie inférieure est limitée à au moins une partie de la zone soumise à des contraintes de traction. Application: revêtement des routes.

IPC 1-7

E01C 7/18; **E01C 7/26**; **E01C 7/32**; **E01C 3/00**

IPC 8 full level

E01C 3/00 (2006.01); **E01C 7/18** (2006.01); **E01C 7/26** (2006.01); **E01C 7/32** (2006.01)

CPC (source: EP)

E01C 3/003 (2013.01); **E01C 7/18** (2013.01); **E01C 7/265** (2013.01); **E01C 7/32** (2013.01)

Citation (search report)

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