

Title (en)

Reduced noise elastic pavement material and method of application thereof

Title (de)

Geräuschgedämpftes elastisches Strassendeckenmaterial und Verfahren zur Anwendung desselben

Title (fr)

Matériau de pavage élastique à bruit réduit et méthode pour l'appliquer

Publication

**EP 1052333 A1 20001115 (EN)**

Application

**EP 00109166 A 20000508**

Priority

JP 12956199 A 19990511

Abstract (en)

The present invention is a reduced noise elastic pavement material which is applied to roadways and has a noise reducing effect and a vibration reducing effect due to elasticity, air permeability, and sound absorption. The reduced noise elastic pavement material has a structure in which a hard aggregate and an elastic aggregate are bonded together by a urethane binder. More specifically, the reduced noise elastic pavement material is formed by a hard aggregate, an elastic aggregate, and a urethane binder which bonds the hard aggregate and the elastic aggregate together, in which the hard aggregate is 10 to 75 % by volume of a total volume of the hard aggregate and the elastic aggregate, and a two-component urethane binder is used as the urethane binder. <IMAGE>

IPC 1-7

**E01C 7/30**; **E01C 13/06**

IPC 8 full level

**C08K 3/00** (2006.01); **C08L 21/00** (2006.01); **C08L 75/04** (2006.01); **E01C 7/30** (2006.01); **E01C 13/06** (2006.01)

CPC (source: EP)

**E01C 7/30** (2013.01); **E01C 13/065** (2013.01)

Citation (search report)

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