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(54) Title: COMPOSITE TACK FILM FOR ASPHALTIC PAVING, METHOD OF PAVING, AND PROCESS FOR MAKING A COMPOSITE TACK FILM FOR ASPHALTIC PAVING

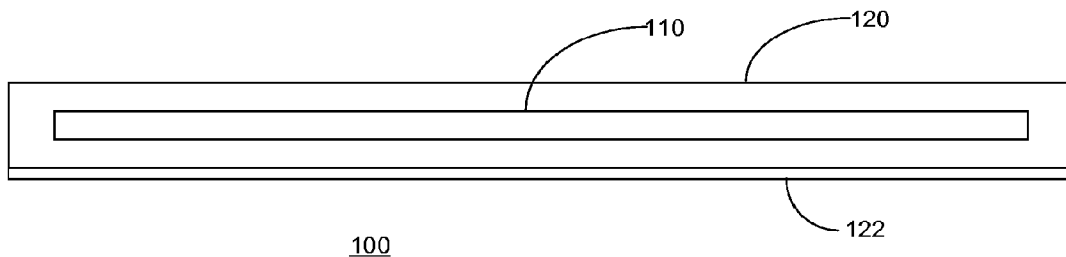


FIG. 2

(57) Abstract: A tack film material comprises a carrier substrate comprising a polymer film having first and second major surfaces. A surface layer on the first and second major surfaces comprises a resinous non-asphaltic material or a material including about 50% or more resinous non-asphaltic component and about 50% or less of asphaltic component. The surface layer is capable of forming a bond with an adjacent layer of asphaltic paving material, when the surface layer is heated to a temperature of about 120°C or more under a pressure that is applied to the tack film material by an overlying layer of the asphaltic paving material having a thickness of about 3.8 cm (1.5 inch) or more laid. The surface layer is not tacky at a temperature of about 20°C and a pressure of about one atmosphere.



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A. CLASSIFICATION OF SUBJECT MATTER*B32B 27/00(2006.01)i, E01C 7/26(2006.01)i, E01C 7/35(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC : B32B 27/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS (KIPO internal) & keywords : "film", "substrate", "polymer", "coating", and "asphalt"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,756,214 A (ROGER WALDRON et al.) 26 May 1998 See abstract and claim 1.	1-10
Y	US 5,254,661 A (JOHN E. WILSON et al.) 19 October 1993 See abstract and claim 1.	1-10
A	US 5,667,889 A (NAOMI KATSURA et al.) 16 September 1997 See abstract and claim 1.	1-10
A	US 6,924,015 B2 (NATALINO ZANCHETTA et al.) 2 August 2005 See claim 1 and figure 1.	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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