

Title (en)

TEMPERATURE SENSING FOR CONTROLLING PAVING AND COMPACTION OPERATIONS

Title (de)

TEMPERATURMESSUNG FÜR DIE KONTROLLE VON PFLASTER- UND VERDICHTUNGSARBEITEN

Title (fr)

DETECTION DE LA TEMPERATURE POUR LA SURVEILLANCE D'OPERATIONS DE PAVAGE ET DE COMPACTAGE

Publication

EP 1185738 A4 20040303 (EN)

Application

EP 00942638 A 20000519

Priority

- US 0013869 W 20000519
- US 13479199 P 19990519

Abstract (en)

[origin: WO0070150A1] A pavement temperature monitoring system (10) is used on paver vehicle (12) that is capable of forming a pavement material mat (11) upon a base surface (13), as paver vehicle (12) travels generally in a single direction. A temperature sensor (14) can be either a thermal imager, a thermal scanner, or a thermal imager operating in "line scan" mode. The temperature sensor (14) is mounted on a rear end (12a) of the paver vehicle (12) in such a way that the entire width of the formed mat can be scanned or imaged. A display device (16) is capable of receiving a plurality of electrical signals from the thermal scanner and generating and displaying a graphical image (17) of the formed mat temperature profile.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 0070150A1

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