

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

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Application

**EP 00942638 A 20000519**

Priority

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- 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.

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