

Title (en)

Method for laying and compacting an asphalt layer

Title (de)

Verfahren zum Einbauen und Verdichten einer Asphaltschicht

Title (fr)

Procédé pour la pose et le compactage d'une couche d'asphalte

Publication

**EP 2514871 B1 20160511 (DE)**

Application

**EP 11003244 A 20110418**

Priority

EP 11003244 A 20110418

Abstract (en)

[origin: EP2514871A1] The system (S) has a road paver (F) that is provided with a screed (E) including compacting tools and self-propelled compacting device (V). An electronic material density module (M) is associated with the road paver which collects data during the paving operation on actual degree of compaction of the asphalt layer produced in the area of compacting tool. A data-obtaining unit of the material density module is located on the road paver. An independent claim is included for method of laying down asphalt layer made of asphalt material.

IPC 8 full level

**E01C 19/00** (2006.01); **E01C 19/23** (2006.01); **E01C 19/48** (2006.01)

CPC (source: EP US)

**E01C 19/00** (2013.01 - EP US); **E01C 19/23** (2013.01 - EP US); **E01C 19/48** (2013.01 - EP US)

Citation (opposition)

Opponent : BOMAG GmbH

- JP 2530000 B2 19960904
- US 6749364 B1 20040615 - BAKER ADRIAN [US], et al
- DE 20010498 U1 20000928 - VOEGELE AG J [DE]
- DE 102008058481 A1 20090730 - CATERPILLAR INC [US]
- DE 69416006 T2 19990819 - CATERPILLAR INC [US]
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- DE 102006019841 B3 20071220 - MOBA MOBILE AUTOMATION AG [DE]
- HANS-JOSEF KLOUBERT, WOLFGANG WALLRATH: "Intelligent Asphalt Compaction", BOMAG REPORT, July 2010 (2010-07-01), pages 1 - 12, XP055355258
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Opponent : Caterpillar Inc.

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- GEORGE CHANG ET AL.,: "A Study on Intelligent Compaction and In-Place Asphalt Density", PUBLICATION NO. FHWA-HIF-14-017, December 2014 (2014-12-01), pages 1pp, i-x, 145 - 161, XP055355235

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