

Title (en)
DEVICE FOR PAVING ROADWAYS

Title (de)
VORRICHTUNG ZUM BEARBEITEN VON FAHRBAHNEN

Title (fr)
DISPOSITIF POUR REALISER LE REVETEMENT DES CHAUSSEES

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Application
EP 97935553 A 19970730

Priority
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• EP 9704143 W 19970730

Abstract (en)
[origin: WO9835102A1] The invention relates to a device for paving roadways comprising a self-driven vehicle (2) with a working cylinder (4) surrounded by a hood (8) forming a working chamber (6), and a drive motor actuating the working cylinder (4), providing the necessary driving power to move said vehicle. According to the invention, the hood (8) has a device (10) exhibiting several closely adjacent mixing devices (12) with foam outlet nozzles (14) to produce foamed bitumen. Hot bitumen supplied from a bitumen tank via feed pipes (16, 42) is mixed under pressure with water supplied from a water tank via a water injection nozzle (22) in an expansion chamber (26) of the mixing device (12). The foamed bitumen spray jet emerging from the foam outlet nozzles (14) is directed into the working chamber (6) and is mixed with the building material mixture granulated by the working cylinder (4).

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Cited by
EP2857108A1; EP2735650A1; CN112195720A; DE10241067B3; EP1396581A3; US8956076B2; EP1396581A2; US11549223B2; US9551116B2; US9856611B2; DE102010014904A1; US8888404B2; DE102013016515A1; US9376774B2; US9598825B2; US10066347B2

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