

Title (en)

Apparatus for treating soil or roads

Title (de)

Vorrichtung zum Bearbeiten von Böden oder Fahrbahnen

Title (fr)

Dispositif de traitement de sols ou des chaussées

Publication

EP 1396581 B1 20081008 (DE)

Application

EP 03018677 A 20030822

Priority

DE 10241067 A 20020905

Abstract (en)

[origin: EP1396581A2] The machine has a frame with working roller below a roller housing (8). This has a spray device (10) for water or binding agent, with a nozzle (12) direction into a working chamber. The nozzle has a controlled closure device (18) with closure element (22), to open and close the nozzle. The closure device can initiate a further movement of the closure element past the closing position, to remove collected material in and/or in front of the nozzle. The nozzle is connected to ring pipe (14) or a tank. The spray device has a mixer unit (36) with expansion chamber (38), and a bitumen injection nozzle (40) to mix hot bitumen with water or with water and air, for ejection of foamed bitumen from the spray nozzle.

IPC 8 full level

E01C 21/00 (2006.01); **B05B 1/30** (2006.01); **B05B 15/02** (2006.01); **B05B 15/522** (2018.01); **E01C 23/06** (2006.01)

CPC (source: EP US)

B05B 1/3046 (2013.01 - EP US); **B05B 15/5225** (2018.01 - EP US); **E01C 21/00** (2013.01 - EP US); **E01C 23/065** (2013.01 - EP US)

Cited by

EP2857108A1; CN105544363A; CN101886366A; CN111608050A; EP2508676A1; US10927513B2; US10329910B2; US8944518B2; US9512718B2; US9175448B2; US9797245B2; US10408056B2; DE102013016515A1; US9376774B2; US9598825B2; US10066347B2; US8775099B2; US9873994B2; US10787776B2; US11519141B2; US10287882B2; US10323516B2; US11401808B2; US10416056B2; US11506585B2; US10156046B2; US10794010B2; US11346062B2

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DOCDB simple family (publication)

EP 1396581 A2 20040310; **EP 1396581 A3 20041222**; **EP 1396581 B1 20081008**; **EP 1396581 B3 20160601**; AT E410553 T1 20081015; DE 10241067 B3 20040422; DE 50310599 D1 20081120; US 2004146353 A1 20040729; US 6887013 B2 20050503; ZA 200306918 B 20040617

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