

Title (en)
METHOD AND DEVICE FOR PREPARING ASPHALT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON ASPHALT

Title (fr)
PROCEDE ET DISPOSITIF PERMETTANT DE PREPARER DE L'ASPHALTE

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• SE 9701552 A 19970425

Abstract (en)
[origin: WO9849398A1] The invention relates to a device for preparing asphalt, comprising a cylindrical drum (3). The drum is rotatable about its longitudinal axis which is inclined downwards the horizontal plane. The drum has a feeding means (9) arranged at the intake end of the drum and adapted to feed material, in the form of suitable fractions of stone material and/or used asphalt, to the drum; feeding means (15, 17) for supplying a binder; a discharge means (13) arranged at the discharge end of the drum and adapted to discharge prepared asphalt paving material from the drum; a drive means (19) for rotating the drum; a burner (11) arranged at the intake end; and a plurality of carrying means (33) arranged in the drum. The carrying means which extend from the intake end of the drum to the discharge end thereof, receive the material from the feeding means and convey it through the drum. Each carrying means comprises a wall portion (35) which is connected to the wall (41) of the drum and which extends inwards from the wall of the drum, and a groove-shaped portion (37) which is connected to the wall portion and which is terminated with a longitudinal free edge (55), which is arranged at a distance from the wall and in front of the wall portion seen in the direction of rotation of the drum. The carrying means are so designed and mutually arranged that the material in a carrying means (57) during one revolution falls over the edge, is caught by the anteriorly situated carrying means (59), seen in the direction of rotation, and is returned to the carrying means which the material initially left via the drum wall portion (61) of the two neighbouring means. The invention also concerns a corresponding method.

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