

Title (en)

Drum mixer-drier for the continuous preparation of bituminous mixes with recycling of reclaimed materials

Title (de)

Misch-Trocken-Trommel für die kontinuierliche Aufbereitung von bituminösem Mischgut unter Wiederverwendung von rückgewonnenem Material

Title (fr)

Tambour mélangeur et sécheur pour la préparation en continue des enrobés bitumineux en recyclage de matériaux récupérés

Publication

EP 0562234 B1 19970528 (EN)

Application

EP 93101297 A 19930128

Priority

IT BO920032 A 19920204

Abstract (en)

[origin: EP0562234A1] The mixer has a drum (3) rotated by a motor (10-12) about an inclined longitudinal axis (A) and defining an upper end (4) and a lower end (5), which is concentrically surrounded by a stationary cylinder (14) defining an interspace (15). A burner (35) located at the lower end (5) internally heats the drum (3) and a hopper (20) is provided at the upper end (4) for introducing aggregates into the drum (3). The drum (3) also has a funnel (23) for the introduction of recyclable asphalt pavement (RAP) and blades (26) for transferring the mixture from the drum (3) into the interspace (15). Ducts (43, 44) are located proximate to the upper end (4) for the introduction of bitumen, filler and additives into the mixture, and fins (39) are connected externally to the drum (3) for mixing and conveying the material to a discharge outlet (40) at the lower end (5) of the cylinder (14). <IMAGE>

IPC 1-7

E01C 19/10

IPC 8 full level

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CPC (source: EP)

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Cited by

FR2986016A1; EP2281944A1; CN102472021A; EP2281946A1; CN102472023A; AU2010269926B2; US8993932B2; US9957674B2; US8993931B2; WO2011004314A1; WO2013110896A1; WO9616228A1; WO2011004316A1

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