

Title (en)

APPARATUS FOR PRODUCING BITUMINOUS MIXTURES FROM AGGREGATES, BITUMEN AND SOLID MATERIALS LIABLE TO DETERIORATE AT HIGH TEMPERATURE

Publication

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Application

EP 81400021 A 19810109

Priority

FR 8000570 A 19800111

Abstract (en)

[origin: US4318620A] The apparatus is constituted by a rotatable drum (1). The solid materials and the hot gases coming from a burner (6) flow in the same direction. The drum has an introduction zone (16), a transfer zone (17), an intermediate zone (18) and a zone (19) for hot mixing of aggregates and bituminous materials. The intermediate zone (18) has a first part in which lifting paddles (28) disposed on the inner wall of the drum (1) allow a continuous curtain of materials to be formed over the whole section of the drum (1) and a second part into which the solid materials degradable at high temperature are introduced. In this second part, the drum (1) has a second inner casing (31) coaxial with its outer casing (1), equipped inside with lifting paddles (32). The invention is particularly applicable to producing coated products for road use, from recycled materials.

IPC 1-7

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IPC 8 full level

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