

Title (en)

Process and installation for drying or heating pourable materials

Title (de)

Verfahren zum Trocknen und/oder Erwärmen von rieselfähigem Material und Vorrichtung hierzu

Title (fr)

Procédé et installation pour le séchage, et/ou le chauffage de matériaux pouvant s'écouler

Publication

EP 0600525 B1 19980204 (DE)

Application

EP 93120770 A 19931223

Priority

CH 150093 A 19930518

Abstract (en)

[origin: EP0600525A2] The device (1) for drying and/or heating pourable material for asphalt production has a rotatable burning drum (11) which has holding structures for the material to be dried and rearranged. The burning drum (11) has, arranged coaxially with the burning drum axis (23b), a cylindrical, first pipe (25a) which surrounds the burner flame radially and axially and the inner wall of which is smooth and without internal structures in the flame region. As the casing of the inner pipe (25a) of the burning drum (11) is closed and the material is situated only on the outer casing thereof, i.e. the burner interior is separated from the material by the pipe wall, the burner interior with the burner flame is dust-free. As a result, the combustion process, which is low in harmful substances, is optimum and easy to control. By means of the smooth inner wall of the inner pipe (25a), sporadically introduced (sprayed-in) spray material from the pre-drum (9) or the transition (10) to the burning drum (11) is separated again through a coaxial slot at the pipe end. In addition, the combustion is not impaired by this small amount of spray material. <IMAGE>

IPC 1-7

F26B 11/02; E01C 19/10; F27B 7/34

IPC 8 full level

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CPC (source: EP)

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Cited by

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