

Title (en)

DRYING AND MIXING DRUM WITH A BURNER FOR THE PREPARATION OF BITUMEN COATED PRODUCTS

Publication

EP 0391768 B1 19920805 (FR)

Application

EP 90400821 A 19900326

Priority

FR 8904475 A 19890405

Abstract (en)

[origin: US4988207A] The drying/coating drum comprising a burner (20) whose body (19) penetrates via the discharge end (3) of the drum into a zone which is distant from this end. The gases and the solid materials circulate countercurrent-wise in the drum. The body (19) of the burner (20), fixed relative to the drum (1), is disposed inside an outer peripheral sleeve (22) which is free in rotation about the body (19) of the burner (20). The outer sleeve (22) is connected to the casing (1) of the drum. The end of the outer sleeve (22) corresponding to the end (19a) of the burner from which the flame (14) develops carries a plurality of radially directed blades (25, 26) forming a turbine for sucking gas into the mixing zone (30) and a screen against radiation from the flame (14) of the burner (20) during rotation of the drum.

IPC 1-7

E01C 19/10

IPC 8 full level

E01C 19/10 (2006.01)

CPC (source: EP US)

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Cited by

FR2956125A1; EP0659937A1; EP0653517A1; EP0826831A1; WO2011098692A1

Designated contracting state (EPC)

AT CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)

EP 0391768 A1 19901010; **EP 0391768 B1 19920805**; AT E79141 T1 19920815; CA 2013267 A1 19901005; DE 69000242 D1 19920910; DE 69000242 T2 19930401; ES 2034827 T3 19930401; FR 2645556 A1 19901012; FR 2645556 B1 19910719; JP H0363302 A 19910319; US 4988207 A 19910129

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