

Title (en)
Solid-fuel burner.

Title (de)
Brenner für festen Brennstoff.

Title (fr)
Brûleur à combustible solide.

Publication
EP 0368829 B1 19950315 (FR)

Application
EP 89870159 A 19891024

Priority
BE 8801251 A 19881031

Abstract (en)
[origin: EP0368829A2] The burner comprises a body (1) which is closed by an end plate (2), and means which serve to deliver on the one hand a solid fuel and on the other hand an oxidising gas and which open into this end plate. The means for delivering the solid fuel consist of a central pipe (3) which is arranged along the longitudinal axis of the body of the burner (1), and the means for delivering the oxidising gas are constituted by a plurality of peripheral pipes (4) arranged around the central pipe (3). Preferably, the central pipe (3) ends in a channel (5) which has internally a diverging longitudinal profile, and at least one of the peripheral pipes (4) comprises a terminal part (7) which has internally a longitudinal profile in the form of Laval nozzles. <IMAGE>

IPC 1-7
F23D 1/00

IPC 8 full level
F23D 1/00 (2006.01)

CPC (source: EP)
F23D 1/00 (2013.01); **F23D 2214/00** (2013.01); **F23D 2900/00006** (2013.01)

Cited by
US6142765A; EP0633428A1; WO9709566A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT LU NL

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EP 0368829 A2 19900516; EP 0368829 A3 19910327; EP 0368829 B1 19950315; AT E119986 T1 19950415; BE 1002580 A6 19910402; DE 68921697 D1 19950420; DE 68921697 T2 19951109

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