

Title (en)
Rotary furnace burner

Title (de)
Drehofenbrenner

Title (fr)
Brûleur d'un four rotatif

Publication
EP 0628768 B1 19970305 (DE)

Application
EP 94107023 A 19940505

Priority
DE 4319363 A 19930611

Abstract (en)
[origin: EP0628768A1] In order to provide a rotary furnace burner in particular for solid fuels such as fine-grained coal dust, having a nozzle disc (23) which closes off the outer primary-air duct (14), the nozzle disc being easily exchangeable without destruction/renewal of the refractory material (19) of the burner-carrying tube (17), and its air nozzles (16) being able to be adjusted or exchanged conveniently and in an operationally reliable manner, it is proposed according to the invention that the nozzle disc (23) is fitted into the outer primary-air duct (14) while maintaining frontal annular-gap-shaped expansion gaps and is fixed detachably and exchangeably to spacers (26) via fixing means (24) accessible from the front of the burner mouth, the spaces being fixed in the outer primary-air duct (14) to preserve the concentricity of primary-air tube (17) and fuel tube (11).
<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 2900/00018** (2013.01)

Cited by
AT411928B; DE102006060867B4; EP1736706A3; US8393893B2; WO0075565A1

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