

Title (en)

BURNERS FOR SOLID FUELS COMBINED WITH LIQUID AND/OR GASEOUS FUELS

Publication

EP 0014812 B1 19830413 (FR)

Application

EP 79430022 A 19791116

Priority

DE 2905746 A 19790215

Abstract (en)

[origin: EP0014812A2] 1. Burner of solid, pulverized or finely divided fuels and of liquid and/or gaseous fuels permitting to control whilst switched on, the shape of the flame and the flowing speeds of the fuels and air, characterized in that it comprises, inside a tubular external casing (13) equipped with a refractory coating, three other co-axial tubes which define four conduits : a first central conduit (1) which contains several pipes (1a, 1b) which supply liquid and/or gaseous fuels to a device (1c) for pulverizing or injecting said fuels, a second annular conduit (2) directly surrounding the central conduit (1) and which transports clean air, a third annular conduit (3) directly surrounding the second conduit and which transports a mixture of solid fuel particles in suspension in a transporting gas and a fourth external conduit (4) which is externally defined by the said casing (13) and which transports clean air and the front ends of the second and fourth conduit comprise a regulating device (5, 6) provided with a remote-control member (7, 8) permitting to change, in service, the direction of the air coming out of the said conduits.

IPC 1-7

F23D 17/00

IPC 8 full level

F23D 17/00 (2006.01)

CPC (source: EP)

F23D 17/005 (2013.01); **F23D 17/007** (2013.01)

Cited by

EP0296773A3; FR2522115A1; EP0509581A3; TR25944A; EP0887589A4; EP1156274A3; US6951454B2; EP0296772A3; GB2146758A; US6230635B1; US6389998B2; US6439140B2

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DOCDB simple family (publication)

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