

Title (en)

BURNER ASSEMBLY, METHOD FOR OPERATING SAID BURNER ASSEMBLY AND PLANT COMPRISING SAID BURNER ASSEMBLY

Title (de)

BRENNERANORDNUNG, VERFAHREN ZUM BETRIEB DER BRENNERANORDNUNG UND ANLAGE MIT DIESER BRENNERANORDNUNG

Title (fr)

ENSEMBLE BRULEUR, PROCEDE DE FONCTIONNEMENT DUDIT ENSEMBLE BRULEUR ET INSTALLATION COMPRENANT LEDIT ENSEMBLE BRULEUR

Publication

EP 3819539 C0 20240103 (EN)

Application

EP 20206275 A 20201106

Priority

IT 201900020508 A 20191106

Abstract (en)

[origin: EP3819539A1] A burner assembly for burning pulverised fuel is provided with: a primary duct (2) extending along a longitudinal axis (A) wherein a flow of air and pulverised fuel flows in one advancing direction (D); the primary duct (2) being provided with an inlet (7) and an outlet (8); a secondary duct (3) wherein a flow of secondary air flows; the secondary duct (3) being arranged around the primary duct (2) at the outlet (8); and a stabiliser device (28) arranged at the outlet (8) of the primary duct (2) and comprising an annular element (55) centred on the longitudinal axis (A); the stabiliser device (28) being provided externally with at least a plurality of cooling fins (59), which face the secondary duct (3).

IPC 8 full level

F23D 1/00 (2006.01)

CPC (source: EP)

F23D 1/00 (2013.01); **F23D 2201/10** (2013.01)

Designated contracting state (EPC)

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Participating member state (EPC – UP)

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