

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 A1 20210512 (EN)**

Application  
**EP 20206275 A 20201106**

Priority  
IT 201900020508 A 20191106

Abstract (en)  
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)

Citation (applicant)  

- EP 2738461 A1 20140604 - BABCOCK HITACHI KK [JP]
- US 2002174819 A1 20021128 - SAHR RONALD C [US], et al
- JP 2015152193 A 20150824 - MITSUBISHI HITACHI POWER SYS
- US 2015226431 A1 20150813 - RISTIC DRAGISA [DE], et al

Citation (search report)  

- [XA] US 2002174810 A1 20021128 - PENTERSON CRAIG A [US], et al
- [A] EP 2738461 A1 20140604 - BABCOCK HITACHI KK [JP]
- [A] JP 2015152193 A 20150824 - MITSUBISHI HITACHI POWER SYS
- [A] US 2015226431 A1 20150813 - RISTIC DRAGISA [DE], et al
- [A] DE 202007019416 U1 20120611 - HITACHI POWER EUROPE GMBH [DE]

Designated contracting state (EPC)  
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