

Title (en)

Pulverized coal burner for low NOx emissions

Title (de)

Kohlenstaubbrenner für niedrige NOx-Emissionen

Title (fr)

Brûleur à charbon pulvérisé pour émissions réduites de NOx

Publication

EP 1741977 B1 20110921 (DE)

Application

EP 06013706 A 20060703

Priority

DE 102005032109 A 20050707

Abstract (en)

[origin: EP1741977A1] A coal-dust burner with low NOx emissions has a concentric general arrangement with primary a primary air pipe (1) within a secondary (2) air pipe. The primary air pipe inlet has an external array of deflection grooves (3) and an inner stabilization ring (4) formed as a one-piece component.

IPC 8 full level

F23C 7/00 (2006.01); **F23D 1/02** (2006.01)

CPC (source: EP)

F23C 7/006 (2013.01); **F23D 1/00** (2013.01); **F23D 2201/10** (2013.01); **F23D 2209/20** (2013.01)

Cited by

DE102015111586A1; DE102015111587A1; WO2020165357A1; CN103335308A; CN104728837A; DE102019103640A1; EP1998112A3; CN103343966A; CN103629663A; EP2592341A1; DE102015111585A1

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BA HR MK RS

DOCDB simple family (publication)

EP 1741977 A1 20070110; **EP 1741977 B1 20110921**; AT E525614 T1 20111015; DE 102005032109 A1 20070118; DE 102005032109 B4 20090806; ES 2373562 T3 20120206; PL 1741977 T3 20120229; RS 52071 B 20120630; ZA 200605567 B 20070926

DOCDB simple family (application)

EP 06013706 A 20060703; AT 06013706 T 20060703; DE 102005032109 A 20050707; ES 06013706 T 20060703; PL 06013706 T 20060703; RS P20110554 A 20060703; ZA 200605567 A 20060706