

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 A1 20070110 (DE)

Application
EP 06013706 A 20060703

Priority
DE 102005032109 A 20050707

Abstract (en)
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)

Citation (search report)

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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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