

Title (en)
Shut-off device for the pulverized coal burners of a combustion apparatus

Title (de)
Absperreinrichtung an Kohlenstaubbrennern einer Kohlenstaubfeuerung

Title (fr)
Dispositif d'arrêt pour les brûleurs à charbon pulvérisé d'une installation de combustion

Publication
EP 1369640 B1 20080813 (DE)

Application
EP 03011794 A 20030524

Priority
DE 10225082 A 20020605

Abstract (en)
[origin: EP1369640A2] Shut-off device for pulverized coal burners of a pulverized coal furnace comprises a stop valve (17) provided with a slide plate (18) arranged in a feed line (15) to close the feed line. The feed line is tightly connected to an air receiver (23) on the downstream-side of the stop valve. An opening (25) closed by a closing plate (26) is located in the wall of the feed line in the region of the air receiver. The closing plate operates synchronously with the stop valve so that the opening is released when the stop valve is closed and the opening is closed when the stop valve is open. Preferred Features: The air receiver tightly surrounds the feed line on all sides on the downstream-side of the stop valve.

IPC 8 full level
F23C 7/00 (2006.01); **F23D 1/00** (2006.01); **F23K 3/00** (2006.01); **F23K 3/02** (2006.01); **F23L 13/10** (2006.01); **F23M 20/00** (2014.01)

CPC (source: EP US)
F23D 1/00 (2013.01 - EP US); **F23K 3/02** (2013.01 - EP US); **F23L 13/10** (2013.01 - EP US)

Cited by
WO2010108986A3; WO2008049496A1; WO2010108986A2; DE102009014223A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1369640 A2 20031210; EP 1369640 A3 20040519; EP 1369640 B1 20080813; AT E404817 T1 20080815; AU 2003204529 A1 20040108; AU 2003204529 B2 20080529; CA 2429325 A1 20031205; DE 10225082 A1 20040108; DE 10225082 B4 20070426; DE 50310302 D1 20080925; DK 1369640 T3 20081201; ES 2311657 T3 20090216; HR P20030457 A2 20040229; JP 2004012124 A 20040115; JP 4279602 B2 20090617; PL 199357 B1 20080930; PL 360426 A1 20031215; PT 1369640 E 20081112; SI 1369640 T1 20090228; UA 79738 C2 20070725; US 2003226482 A1 20031211; US 6807914 B2 20041026

DOCDB simple family (application)
EP 03011794 A 20030524; AT 03011794 T 20030524; AU 2003204529 A 20030603; CA 2429325 A 20030521; DE 10225082 A 20020605; DE 50310302 T 20030524; DK 03011794 T 20030524; ES 03011794 T 20030524; HR P20030457 A 20030605; JP 2003160034 A 20030604; PL 36042603 A 20030530; PT 03011794 T 20030524; SI 200331427 T 20030524; UA 2003065169 A 20030604; US 44437003 A 20030523