

Title (en)
Closed stove with air supply regulation

Title (de)
Kaminofen mit einer Regelung der Luftzufuhr

Title (fr)
Four de cheminée doté d'un régulateur d'arrivée d'air

Publication
EP 2221534 A3 20161228 (DE)

Application
EP 10450029 A 20100223

Priority
AT 2982009 A 20090223

Abstract (en)
[origin: EP2221534A2] The stove has a fire space including a grid, a rear wall, side walls, a front door and a cover plate. A distribution space has a separating wall, which separates a primary air channel (7), a secondary air channel (6) and an injected air channel (5) at a distance from each other. The wall has an opening (2), which is covered by a pivotable rotary control disk (4). The control disk has recesses and/or openings (11), by which connection of variable cross sections is formed between the distribution space and the channels. The control disk is driven by a motor.

IPC 8 full level
F23B 60/02 (2006.01); **F23L 1/02** (2006.01); **F23L 3/00** (2006.01); **F23L 9/00** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP US)
F23B 60/02 (2013.01 - EP); **F23L 1/02** (2013.01 - EP); **F23L 3/00** (2013.01 - EP); **F23L 9/00** (2013.01 - EP US); **F24B 5/026** (2013.01 - EP)

Citation (search report)
• [YD] DE 10324634 A1 20040108 - AJ WELLS & SONS NEWPORT [GB]
• [Y] DE 29816672 U1 19981210 - SCHMID GMBH [DE]
• [YA] EP 1832813 A2 20070912 - RIENER KARL STEFAN [AT]
• [A] US 4407265 A 19831004 - BREFKA PAUL E [US]

Cited by
DE102013014576A1; EP2495497A3; EP2806214A1; EP2679908A3; CN105492827A; RU2660230C2; IT201800002664A1; WO2013086556A2; DE202013012392U1; WO2015028154A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2221534 A2 20100825; EP 2221534 A3 20161228; EP 2221534 B1 20180718; AT 507930 A4 20100915; AT 507930 B1 20100915; DK 2221534 T3 20181022; ES 2691656 T3 20181128; HR P20181702 T1 20181228; HU E040175 T2 20190228; LT 2221534 T 20190125; SI 2221534 T1 20181130

DOCDB simple family (application)
EP 10450029 A 20100223; AT 2982009 A 20090223; DK 10450029 T 20100223; ES 10450029 T 20100223; HR P20181702 T 20181018; HU E10450029 A 20100223; LT 10450029 T 20100223; SI 201031780 T 20100223