

Title (en)
ARRANGEMENT FOR ADJUSTING THE OPERATION OF VALVE IN CHIMNEY FLUE

Title (de)
ANORDNUNG ZUR EINSTELLUNG DES BETRIEBS EINES VENTILS IN EINEM KAMINABZUG

Title (fr)
DISPOSITIF POUR RÉGLER LE FONCTIONNEMENT D'UNE SOUPAPE DANS UN CONDUIT DE CHEMINÉE

Publication
EP 2556302 A4 20171220 (EN)

Application
EP 11765134 A 20110405

Priority

- FI 20105475 A 20100430
- FI 20105354 A 20100407
- FI 2011050289 W 20110405

Abstract (en)
[origin: WO2011124756A1] The present invention relates to an arrangement for adjusting the operation of a valve (2) in a flue (4) in a chimney. This arrangement comprises at least one closing means (9) arranged in connection with the flue, the closing means preventing an air flow in the flue (4) in its first extreme position and opening the flue for an air flow therein in its second extreme position. The operation of this closing means (9) is arranged to be controlled by a damper (10) movable in a smoke duct (3). The control is achieved in such a way that the movement of the damper generates a mechanical force effect which exerts on the closing means (9) a force causing a change in the state of the closing means. Resulting from the state change, the closing means becomes positioned either in a position opening a flow opening (13) or in a position closing it.

IPC 8 full level
F23J 13/02 (2006.01); **E04H 12/28** (2006.01); **F23J 13/06** (2006.01); **F23L 13/06** (2006.01)

CPC (source: EP FI)
E04H 12/28 (2013.01 - FI); **F23J 13/025** (2013.01 - EP FI); **F23L 11/00** (2013.01 - FI); **F23L 11/005** (2013.01 - EP); **F23L 13/06** (2013.01 - FI); **F23J 2211/101** (2013.01 - EP)

Citation (search report)

- [X] US 38370 A 18630505
- [I] DE 1245019 B 19670720 - SCHIFF & STERN GES M B H
- [A] US 7066170 B1 20060627 - ATEMBOSKI ALAN [US], et al
- [A] WO 8503763 A1 19850829 - ROBERTSON ANDREW S
- [A] FI 20095031 A 20090730 - VALKAMA PAAVO [FI]
- See references of WO 2011124756A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011124756 A1 20111013; EP 2556302 A1 20130213; EP 2556302 A4 20171220; FI 122451 B 20120131; FI 20105354 A0 20100407; FI 20105475 A0 20100430; FI 20105475 A 20111008

DOCDB simple family (application)
FI 2011050289 W 20110405; EP 11765134 A 20110405; FI 20105354 A 20100407; FI 20105475 A 20100430