

Title (en)

AN INTEGRATED SYSTEM FOR REGULATING AND MIXING COMBURENT AND FUEL FOR A BURNER

Title (de)

INTEGRIERTES SYSTEM ZUM REGELN UND MISCHEN VON VERBRENNUNGSLUFT UND BRENNSTOFF FÜR EINEN BRENNER

Title (fr)

SYSTÈME INTÉGRÉ DE RÉGULATION ET DE MÉLANGE DE COMBURANT ET DE COMBUSTIBLE POUR UN BRÛLEUR

Publication

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Application

EP 15731685 A 20150520

Priority

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Abstract (en)

[origin: WO2015177735A1] Described is an integrated system (100) for regulating and mixing comburent and fuel for a burner, comprising a valve (1) for the fuel and ventilation means (40). These ventilation means (40) comprise a first inlet (41) for the comburent, a second inlet (54) for the fuel connected to an outlet passage of the valve (1), and an outlet connectable to the burner. Moreover, the valve (1) comprises a shutter (11) movable along a movement axis (12), between an open position, to allow the passage of the fuel, and a closed position to block the passage of the fuel. The system (100) comprises a unit (63) for detecting comburent along the first inlet (41) configured for detecting the presence of comburent in transit along the first inlet (41) and for activating the means (60) for holding in position the shutter (11).

IPC 8 full level

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CPC (source: EP)

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