

Title (en)

Boiler or furnace for combustion of fuel in an air staged combustion mode

Title (de)

Heizkessel oder Ofen zum Verbrennen von Brennstoff in einem luftgestuften Betriebsmodus

Title (fr)

Chaudière ou four de combustion de combustible dans un mode de combustion d'air étagée

Publication

EP 3009741 A1 20160420 (EN)

Application

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Priority

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Abstract (en)

The invention relates to a boiler or furnace (10) for combustion of fuel in an air staged combustion mode, comprising an enclosure (12) defining a combustion chamber (14), of which at least a part is provided with heat exchanging tubes (18) for generating a heated fluid, at least one burner (22) for combustion of fuel provided with a fuel supply (26) and a primary air supply (24), and a secondary air supply (32), and an outlet (28) for discharge of flue gas, wherein the secondary air supply (32) is positioned internally of the enclosure (12) downstream of the at least one burner (22).

IPC 8 full level

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Citation (search report)

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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

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