

Title (en)

AN AIR-GAS MIXER DEVICE, PARTICULARLY FOR GAS BURNERS AND SIMILAR APPARATUS

Title (de)

LUFT-GAS-MISCHVORRICHTUNG, INSBESONDERE FÜR GASBRENNER UND ÄHNLICHE APPARATE

Title (fr)

DISPOSITIF DE MELANGE AIR-GAZ, NOTAMMENT POUR BRULEURS A GAZ ET APPAREIL SIMILAIRE

Publication

EP 1499428 A2 20050126 (EN)

Application

EP 02733230 A 20020430

Priority

IT 0200284 W 20020430

Abstract (en)

[origin: WO03092875A2] An air-gas mixer device, particularly for gas burners with forced ventilation, comprises an air-gas mixing chamber (18) supplied by a gas-flow and by an air-flow which are directed in the device through a first duct (3) and a second duct (4), respectively, first means for choking the second duct (4) in order to choke the air-flow admitted to the mixer device through the second duct, air-flow diverting means (9) for separating and directing the choked air-flow into a primary air-flow and a separate and distinct secondary air-flow, as well as second choke means associated with the secondary air-flow so as to direct the secondary air-flow selectively towards the mixing chamber (18).

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