

Title (en)

DISTRIBUTOR DEVICE FOR A PREMIXING BURNER AND BURNER COMPRISING SUCH DISTRIBUTOR

Title (de)

VERTEILVORRICHTUNG FÜR EINEN VORMISCHBRENNER UND BRENNER MIT DIESER VERTEILVORRICHTUNG

Title (fr)

DISPOSITIF DISTRIBUTEUR POUR UN BRÛLEUR À PRÉMÉLANGE ET BRÛLEUR COMPRENANT UN TEL DISTRIBUTEUR

Publication

EP 3628923 B1 20210616 (EN)

Application

EP 19198838 A 20190923

Priority

IT 201800008912 A 20180925

Abstract (en)

[origin: EP3628923A1] A distributor (100) for a premix burner (200) comprises a distribution element (5) having a centrally symmetrical shape and provided with openings (1-4) distributed about a central axis of symmetry (A). The distribution element (5) comprises deflector elements (10-40) located proximate to each opening (1-4) and oriented in such a way as to direct an air and gas mixture (M) in a respective deflection direction (D_{1-4}) which forms a non-null angle with the axis (A). At least one deflector element (30) is oriented in such a way that the mixture (M) output from the opening (3) it is proximate to is directed in a direction (D_3) which forms with the axis (A) an angle which is different from the angle formed with the axis (A) by the remaining deflector elements.

IPC 8 full level

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CPC (source: EP)

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