

Title (en)

A mixing diffuser element for an atmospheric burner.

Title (de)

Misch- und Diffusionselement für einen atmosphärischen Brenner.

Title (fr)

Élément mélangeur et diffuseur pour un brûleur atmosphérique.

Publication

EP 0657691 A1 19950614 (EN)

Application

EP 94203004 A 19941018

Priority

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Abstract (en)

A mixing diffuser element is disclosed which comprises a flattened box-type body (11') having an apertured edge for the outflow of air/gas mixture, and a conduit (10') connected to the body for the intake and mixing of air and gas within the box-type body. To reduce space requirements while ensuring excellent uniformity for the outflow of air/gas mixture, the box-type body (11') is formed, near its apertured edge, with a throat (20) whose breadth varies inversely with the local velocity of the air/gas mixture. <IMAGE> <IMAGE>

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F23D 14/10; **F23D 14/46**

IPC 8 full level

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Citation (search report)

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