

Title (en)

DEVICE FOR CONCENTRATING A JET OF GAS.

Title (de)

STRAHLVERDICHTER FÜR GASFÖRMIGE MEDIEN.

Title (fr)

COMPRESSEUR DE JETS DE GAZ.

Publication

**EP 0558549 B1 19950315 (DE)**

Application

**EP 91920002 A 19911119**

Priority

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- DE 4037935 A 19901123

Abstract (en)

[origin: WO9209808A1] The invention concerns a device for concentrating jets of gas intended for use in metallurgical or chemical processes. The device has an input nozzle centrally mounted in a jet head so that it points towards a mixing chamber with which a diffuser is coaxially connected. In order to avoid the usual disadvantages of such devices and make a device available which is simple in design, as compact as possible and reliable in operation, at the same time having a higher efficiency or operating at a higher pressure compared with devices of a similar size, the invention proposes that the input nozzle (10) be a ring-jet nozzle with a centrepiece (12) which tapers conically towards the mixing chamber (31) of the output nozzle (30).

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