

Title (en)

A combustion plant including at least one tubular furnace.

Title (de)

Verbrennungsanlage mit mindestens einer rohrförmigen Verbrennungskammer.

Title (fr)

Installation de combustion comportant au moins une chambre de combustion tubulaire.

Publication

EP 0304532 A1 19890301 (EN)

Application

EP 87850246 A 19870817

Priority

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Abstract (en)

A tubular furnace (10) having a burner (11) mounted at one end is provided with means for receiving gaseous fluid taking part in the combustion, while the opposite end of the furnace is connected to an after-combustion chamber by way of a restricted passage. The inlet (22) for the gaseous combustion fluid is slot-formed, and connected tangentially to the tubular furnace (10), and an axially displaceable disc (23), having a centrally located opening (23a) surrounding the burner (11) is arranged for dividing the gaseous fluid into a primary part directed to the burner, and a secondary part forming a rotating flow within the tubular furnace.

IPC 1-7

F23G 7/06; F23G 5/46; F23J 3/04; F23C 6/00

IPC 8 full level

F23C 6/00 (2006.01); **F23G 5/46** (2006.01); **F23G 7/06** (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP)

F23C 6/00 (2013.01); **F23G 5/46** (2013.01); **F23G 7/065** (2013.01); **F23G 7/066** (2013.01); **F23J 15/027** (2013.01)

Citation (search report)

- [A] GB 1465310 A 19770223 - NILS OESTBO AB
- [A] DE 3345611 A1 19850627 - BABCOCK WERKE AG [DE]
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