

Publication

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Application

EP 00936882 A 20000614

Priority

- DE 19928096 A 19990619
- EP 0005447 W 20000614

Abstract (en)

[origin: US6665950B1] Known gas-heated infrared radiators for infrared drying units have a radiator housing (1) that is subdivided by a gas-permeable burner plate (5) in a distribution chamber (6) for the gas-air mixture and a combustion chamber (7), the front side of which emits the radiation. The radiator is held by mixing tube (9) that is affixed to the rear side. A gas-air mixture is supplied to the distribution chamber (6) via said mixing tube (9). The mixing tube (9) has a gas nozzle (11) with a gas inlet (12) and an air inlet (17) on the end opposite the radiator housing (1). The mixing tube is affixed to a holding frame of the drying unit. In order to disassemble the infrared radiator from the infrared drying unit and to mount said radiator on said unit as rapidly as possible, the rear side of the radiator housing (1) is connected to the holding frame by releasable fixing means (20, 33-36) that can be released manually from the front side.

IPC 1-7

D21F 5/00; F26B 3/30

IPC 8 full level

D21F 5/00 (2006.01); **F23D 14/14** (2006.01); **F23D 14/64** (2006.01); **F26B 3/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Cited by

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