

Title (en)
DARK RADIATOR

Title (de)
DUNKELSTRAHLER

Title (fr)
ÉMETTEUR SOMBRE

Publication
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Application
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Abstract (en)
[origin: WO2023104828A1] The invention relates to a dark radiator, comprising a first burner, a fan (2) and a radiant tube (3), wherein the first burner is connected to a fuel gas supply, wherein the fan (2) is designed to supply the first burner with combustion air, wherein the first burner is designed to output a flame into the radiant tube (3). The fuel gas supply is connected to a hydrogen source as a fuel gas source and a secondary burner (4) is connected downstream in the radiant tube (3) spaced apart from the first burner functioning as the primary burner (1) in the flame direction, and the fuel gas supply thereof is connected to a hydrogen source as a fuel gas source, wherein the the exhaust gas flow of the upstream primary burner (1) is supplied to the secondary burner (4) as combustion air.

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