

Title (en)  
HEATING SYSTEM WITH RADIANT STRIPS

Title (de)  
HEIZSYSTEM MIT STRAHLUNGSELEMENTEN

Title (fr)  
SYSTÈME DE CHAUFFAGE À BANDES RAYONNANTES

Publication  
**EP 3396258 A1 20181031 (EN)**

Application  
**EP 18169790 A 20180427**

Priority  
IT 201700046757 U 20170428

Abstract (en)  
Heating system with radiant strips, which comprises a closed loop provided with a delivery pipe (2A) and with a return pipe (2B), which are extended side-by-side and parallel to each other and are traversed by a carrier fluid (F) of combustion gas generated by a burner (3), in order to heat an underlying room by radiation. The radiant strip (2) comprises a sleeve (10) provided with a screen (11) placed as an external cover of the delivery pipes (2A) and return pipes (2B), on the upper part and laterally, and a shaped reflection plate (14), which is interposed between the delivery pipe (2A) and the return pipe (2B), in order to reflect the relative thermal radiation waves towards the room to be heated.

IPC 8 full level  
**F24D 5/08** (2006.01); **F23C 3/00** (2006.01); **F23D 14/12** (2006.01)

CPC (source: EP RU)  
**F23C 3/002** (2013.01 - EP); **F23D 14/00** (2013.01 - RU); **F23D 14/125** (2013.01 - EP); **F24D 5/06** (2013.01 - RU); **F24D 5/08** (2013.01 - EP); **F24H 3/08** (2013.01 - RU)

Citation (search report)

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- [XI] WO 9106810 A1 19910516 - GAZ IND [FR]
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3396258 A1 20181031**; CN 209484704 U 20191011; IT 201700046757 U1 20181028; RU 184644 U1 20181101

DOCDB simple family (application)  
**EP 18169790 A 20180427**; CN 201820627446 U 20180428; IT 201700046757 U 20170428; RU 2018115673 U 20180426