

Title (en)

Radiant heating device in particular for outdoor surroundings

Title (de)

Vorrichtung zur Strahlungsheizung, insbesondere für Aussengebrauch

Title (fr)

Appareil pour le chauffage radiant, notamment dans un milieu extérieur

Publication

EP 1039218 A1 20000927 (EN)

Application

EP 00830213 A 20000321

Priority

IT MI990578 A 19990322

Abstract (en)

A heating device for outdoor surroundings comprises a gas-air mixing unit (7) and a combustion head (8) supported by a support element (2). The combustion head has an expansion chamber defined by an upper bottom element (14) and a lower bottom element (15) between which a confinement wall (16) made of porous material consisting of a fabric of metallic fibres perimetricaly extends. The gas-air mixture passes through the porous material to be fired at an outer surface (16b) of the confinement wall (16). The device (1) comprises a reflecting element (18) in engagement with the combustion head (8) to diffuse heat in the surrounding environment. The reflecting element (18) has a mirror-like lower surface to better diffuse heat and an upper surface which is thermally insulated by application of a layer of insulating material (20). <IMAGE>

IPC 1-7

F23D 14/14; **F24C 1/12**

IPC 8 full level

A01M 1/20 (2006.01); **A61L 9/12** (2006.01); **B65D 41/16** (2006.01); **B65D 85/00** (2006.01); **F23D 14/14** (2006.01)

CPC (source: EP)

F23D 14/145 (2013.01); **F23D 2203/1012** (2013.01); **F23D 2212/201** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1039218 A1 20000927; CA 2301461 A1 20000922; IT 1312222 B1 20020409; IT MI990578 A1 20000922; JP 2001087369 A 20010403

DOCDB simple family (application)

EP 00830213 A 20000321; CA 2301461 A 20000321; IT MI990578 A 19990322; JP 2000151166 A 20000523