

Title (en)
A heating system.

Title (de)
Heizsystem.

Title (fr)
Système de chauffage.

Publication
EP 0070360 A2 19830126 (EN)

Application
EP 82103774 A 19820503

Priority
GB 8122201 A 19810717

Abstract (en)
An infra-red gas heating system is described. The system comprises a heating pipe (18) and a plurality of combustion devices distributed along the length of the heating pipe for supplying hot gases to the interior of the pipe to cause the pipe to emit infra-red radiation from its surface. Each combustion device comprises a burner unit (G) disposed in the heating pipe (18) and control means (F) having an air orifice (11) for supplying the correct amount of air for complete combustion of fuel to the burner unit, means being provided to cause a predetermined excess of air to flow through the pipe in use of air to flow through the pipe in use of the system so that each of the serially arranged burner units can operate within the pipe with complete combustion of fuel in an atmosphere which contains the combustion gases of any upstream burner units. Radiant heat from the pipe may be deflected by means of a reflector means and a the temperature of the pipe may be controlled locally by insulating means provided inside the pipe.

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Cited by
WO9927307A1; CN110160123A; EP0509155A1; EP0635675A1; GB2280257B; EP0249087A1; EP0232990A1; GB2350180A; GB2350180B; EP0392591A1; EP0169689A3; GB2162301A; FR2653536A1; EP0298790A1; FR2616893A1; WO9924757A1; WO9106810A1

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