

Title (en)  
INFRARED HEATING SYSTEM

Publication  
**EP 0392591 B1 19920729 (EN)**

Application  
**EP 90200789 A 19900402**

Priority  
NL 8900900 A 19890411

Abstract (en)  
[origin: EP0392591A1] An infrared heating system comprising at least one heating pipe (1, 2) and a number of burner units (5) distributed over the length of said pipe for heating the pipe in such a way that it emits infrared radiation from its surface. The heating pipe at one end is provided with one or more air supply apertures and at the other end connected to a suction pump (4). For setting the heat capacity of the system, control means, having a throttle valve (9), are present. In order to place the control means outside the influence of the hot gases, while a good regulation of the heat capacity still can be achieved by means of the throttle valve, this valve is fitted in a branch (8) of the heating pipe (1, 2) or connecting pipe (3) to the suction pump (4), which branch is placed downstream of the burners (5) and is in communication with the environment.

IPC 1-7  
**F24D 5/08**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
EP0509155A1; EP0606782A1; GB2274703B; GB2331146A; GB2331146B; WO9924757A1

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