

Title (en)
Heater.

Title (de)
Erhitzer.

Title (fr)
Réchauffeur.

Publication
EP 0125890 A2 19841121 (EN)

Application
EP 84303166 A 19840510

Priority
GB 8312948 A 19830511

Abstract (en)
A heater in the form of a hot air gun 1 has a heat mass (8,9) capable of storing heat energy from heat sources (13) and capable of transferring that heat energy to a fluid e.g. air to be heated. The air enters the gun 1 through inlet 6 and passes via conduit 10, in which it is heated by contact with the heat mass (8, 9) to a plenum chamber (11). A venturi (14) pumps the air from the plenum chamber (11) to an outlet (5), via a conduit (12) where the air is again heated by contact with the heat mass (9). The heat mass (8, 9) transfers heat to the air rapidly so that during a pulse of air, much energy is transferred, but between air pulses the heat mass acts as a reservoir of heat.

IPC 1-7
F24H 7/04; **F24H 3/04**

IPC 8 full level
F24H 3/04 (2006.01); **F24H 7/04** (2006.01)

CPC (source: EP)
F24H 3/0405 (2013.01); **F24H 7/0416** (2013.01)

Cited by
EP0233560A3; EP1397630A4

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

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