

Title (en)
IMPROVEMENTS RELATING TO GAS FIRES

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Application
EP 87309822 A 19871106

Priority
GB 8627216 A 19861114

Abstract (en)
[origin: EP0267746A2] The present specification discloses a gas fire incorporating a heat exchanger (1) for use in transferring heat from the gaseous products of combustion in the gas fire (9) to a path (15) through the fire (9) for convection air. In certain such gas fires the heat exchanger is of a complex and expensive construction. The present invention provides a gas fire (9) with a simple and inexpensive heat exchanger (1). A number of these heat exchangers (1) are provided, each being in the form of a hollow tubular element (1) made of a thermally conducting material. Each hollow tubular element (1) extends across a path (15) for convection air in the fire (9), and provides a passage therethrough for gaseous combustion products passing to a flue at the rear (19) of the fire (9). To aid heat transfer fins (5) can be provided on the outside of the hollow tubular element (1).

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CPC (source: EP)
F24C 1/14 (2013.01); **F24C 3/002** (2013.01)

Citation (search report)

- [X] DE 186014 C
- [X] GB 1041223 A 19660901 - OATLEY TECHNICAL DEV
- [Y] GB 843026 A 19600804 - R & A MAIN LTD, et al
- [X] GB 2123944 A 19840208 - BEARDMORE DENNIS

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EP 0267746 A2 19880518; **EP 0267746 A3 19891004**; AU 604270 B2 19901213; AU 8114587 A 19880519; GB 2197451 A 19880518; GB 8627216 D0 19861217; GB 8725808 D0 19871209; NZ 222523 A 19901221; PT 86126 A 19881215

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