

Title (en)  
ASSEMBLING ELEMENTS FOR HEAT EXCHANGERS

Publication  
**EP 0133400 A3 19850710 (FR)**

Application  
**EP 84401546 A 19840723**

Priority  
FR 8312304 A 19830722

Abstract (en)  
[origin: EP0133400A2] The invention relates to an element which may be assembled with similar elements and assemblies of elements comprised each of elements which are different and complementary, interassemblable and intended to the construction of heat exchanges with circulation of gas and/or liquid fluids. Said exchangers may be constructed separately or be integrated to the structure of all new or all old hearths, of all types and dimensions. Each element is characterized in that it is configured as a tubular conduit having a side surface and two end faces and having two openings to enable the inside circulation of a heat-conveying fluid. The various elements are combined and assembled between each other by means of connection members and enable the construction of all or part of hearth walls, in the thickness of which one or a plurality of conduits are simultaneously arranged. A secondary conduit (13) may be arranged inside that which is formed by the elements themselves, in order to provide a double effect exchanger.

IPC 1-7  
**F24B 7/04**

IPC 8 full level  
**F24B 1/188** (2006.01)

CPC (source: EP)  
**F24B 1/1885** (2013.01)

Citation (search report)  
• FR 2477269 A1 19810904 - BETTE MAURICE [FR]  
• FR 2300870 A1 19760910 - HOMEFIRE HOLDING AG [CH]

Cited by  
FR2583505A1

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**EP 0133400 A2 19850220; EP 0133400 A3 19850710**; FR 2549581 A1 19850125; FR 2549581 B1 19880826; WO 8500648 A1 19850214

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