

Title (en)
Heat exchanger.

Title (de)
Wärmetauscher.

Title (fr)
Echangeur de chaleur.

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Application
EP 91310773 A 19911122

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Abstract (en)
A compact heat exchanger suitable for heat exchange between two fluids one of which is at a high pressure (e.g. above 50 atmospheres) incorporates a cylindrical former (14) supported by inlet and outlet ducts (28) for the low pressure fluid coaxially within a tubular cylindrical pressure vessel (12). The annular space between the former (14) and the vessel (12) is occupied by a plurality of radially-extending flow passages (20) for the low pressure fluid, between which are passages (18) for the high pressure fluid. Each low pressure fluid passage (20) is defined by a single sheet folded to form a pair of adjacent spaced-apart plates. A long sheet (22) may be folded into a zig-zag so as to form a plurality of such pairs of plates. The ends of the plates are welded to the ducts (28), and the pairs of adjacent plates are welded together to seal the ends of the passages (20).
<IMAGE>

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