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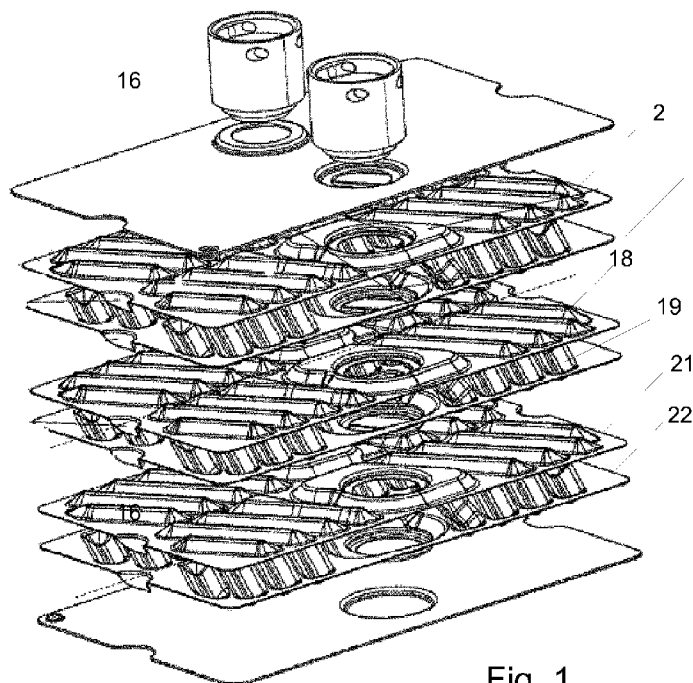


Fig. 1

(57) Abstract: The invention relates to a method for producing a permanently joined plate heat exchanger (1) comprising a plurality of metal heat exchanger plates (2) having a solidus temperature above 1100 °C, provided beside each other and forming a plate package (3) with first plate interspaces (4) for a first medium and second plate interspaces (5) for a second medium, wherein the first and second plate interspaces (4, 5) are provided in an alternating order in the plate package (3). Each heat exchanger plate (2) comprises a heat transfer area (10) and an edge area (11) which extend around the heat transfer area (10). The heat transfer area (10) comprises a corrugation of elevations (18) and depressions (19), wherein said corrugation of the plates are provided by pressing the plates. The invention also relates to a plate heat exchanger (1) produced by the method.