Title (en)
: PLATE HEAT EXCHANGER

Title (de)
: PLATTENWÄRMETAUSCHER

Title (fr)
: ÉCHANGEUR DE CHALEUR À PLAQUES

Publication
: **EP 2742304 A1 20140618 (DE)**

Application
: **EP 12740960 A 20120726**

Priority
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Abstract (en)
: [origin: WO2013020823A1] The invention relates to a plate heat exchanger (1) comprising a cover plate (2), a base plate (3), and heat exchanger plates (4) arranged in the form of a stack between the cover plate and the base plate. The base plate (3) overlaps the edge of the adjacent heat exchanger plate (4) and has an edge (9) which is arranged in the direction of the heat exchanger plate stack and which follows a contour of the heat exchanger plate stack at least along some sections. It is essential to the invention that the edge (9) is formed by a projection (7) at least in some regions, said projection being integrally formed with the base plate (3) and being bent along folding lines (6a, 6b, 6c, 6d). In this manner, the base plate (3) can be produced in an inexpensive and weight- and material-optimized manner with a high rigidity.

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