

Title (en)
TUBE BOTTOM AND HEAT EXCHANGER

Title (de)
ROHRBODEN UND WÄRMEÜBERTRAGER

Title (fr)
PLATEAU À TUBES ET ÉCHANGEUR DE CHALEUR

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Abstract (en)
[origin: WO2016008855A1] The invention relates to a tube bottom (80) for a heat exchanger, with a bottom region (81) having slot-type openings (82), wherein the slot-type openings (82) are rimmed by eyelets (83) and the tube bottom (80) has an attached rim region (85), wherein there is formed between the eyelets (83) and the attached rim region (85) a U-shaped trough (84) as receiving region for the foot of a box-like cover, wherein the U-shaped trough (84) consists of an inner first wall (87), the attached rim region (85) and a second wall forming the trough bottom (94), wherein the inner first wall (87) has at least one hump-like raised portion (88) in the continuation of an eyelet (83) on the side (95) oriented toward the U-shaped trough (84), which bounds the breadth of the U-shaped trough (84) between the attached rim region (85) and the first wall (87) and extends from the trough bottom (94) to that end region of the eyelet (83) oriented toward the U-shaped trough (84), wherein a depression (90) is formed in the hump-like raised portion (88), wherein forming the depression (90) produces a displacement of material toward that side (96) of the first wall (87) that is oriented away from the U-shaped trough (84). The invention also relates to a heat exchanger.

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