

Title (en)

HEADER BOX FOR HEAT EXCHANGER WITH THERMAL DECOUPLING

Title (de)

SAMMELKASTEN FÜR WÄRMETAUSCHER MIT THERMISCHER ENTKOPPLUNG

Title (fr)

BOÎTE COLLECTRICE POUR ÉCHANGEUR DE CHALEUR À DÉCOUPLAGE THERMIQUE

Publication

EP 3587990 B1 20210127 (EN)

Application

EP 18179279 A 20180622

Priority

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Abstract (en)

[origin: EP3587990A1] A header box (1) intended to be used in a heat exchanger (200), said header box (1) comprising a first manifold (10) and a second manifold (20), each manifold (10,20) comprising a header plate (11,21), a cover (13,14) and a distribution plate (12,22) localized between the header plate (11,21) and the cover (13,14), the header box (1) also comprising a mechanical link (120) between the first manifold (10) and the second manifold (20), the header box (1) is characterized in that a header plate (11,21) comprises linking elements (15) configured to grab the corresponding cover (13,14), said linking elements (15) extend from the two longitudinal sides of said header plate (11,21) to the corresponding cover (13,14), said longitudinal sides extend along a main axis (X) of the header box (1). The invention also relates to a heat exchanger (200) comprising such a header box (1). Finally, the invention relates to the use of a heat exchanger (200)

IPC 8 full level

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Cited by

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