

Title (en)

HEAT EXCHANGER AND SANITARY WASHING DEVICE COMPRISING HEAT EXCHANGER

Title (de)

WÄRMETAUSCHER UND SANITÄRE WASCHVORRICHTUNG MIT WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR ET DISPOSITIF DE LAVAGE SANITAIRE COMPRENANT UN ÉCHANGEUR DE CHALEUR

Publication

**EP 2784407 B1 20220817 (EN)**

Application

**EP 12886907 A 20121217**

Priority

JP 2012008053 W 20121217

Abstract (en)

[origin: EP2784407A1] A heat exchanger (28) includes a planar heater (34) and a casing (38). A heater housing space (48) includes a flow passage space (74). The casing has an inflow port (70), an outflow port (72), an inflow passage (50), a communication passage (52), first ribs (76), and a second rib (53). The first ribs project from main surfaces (48a) toward heat transfer surface (36) in the flow passage space and are extended between two side surfaces (48b). The second rib is extended in the communication passage in a direction orthogonal to a direction in which a lower end of the planar heater extends.

IPC 8 full level

**F24H 1/10** (2022.01); **E03D 9/08** (2006.01); **F24D 19/00** (2006.01); **F24H 9/00** (2022.01); **H05B 3/24** (2006.01); **H05B 3/78** (2006.01)

CPC (source: EP)

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