

Title (en)

HEAT EXCHANGER CLOSURE BAR

Title (de)

WÄRMETAUSCHERVERSCHLUSSRIEGEL

Title (fr)

BARRE DE FERMETURE D'ÉCHANGEUR DE CHALEUR

Publication

EP 3754280 A1 20201223 (EN)

Application

EP 20163928 A 20200318

Priority

US 201916444575 A 20190618

Abstract (en)

A heat exchanger includes first and second parting sheets, a cold fin extending between the first and second parting sheets, and a closure bar extending between the first and second parting sheets (34, 36). The closure bar (10) includes first, second, third, and fourth surfaces, a body (112), first and second ends, an inlet, and an outlet. The body forms an opening that extends from the first end to the second end of the body. The first surface faces the cold fin. The second surface is an opposite side of the body from the first surface. The third surface is in contact with the first parting sheet. The fourth surface is in contact with the second parting sheet. The inlet is disposed at the first end of the closure bar and is fluidly connected to the outlet via the opening. The outlet is disposed at the second end of the closure bar.

IPC 8 full level

F28D 9/00 (2006.01); **F28F 1/04** (2006.01); **F28F 1/40** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP US)

F28D 9/0062 (2013.01 - EP US); **F28F 3/02** (2013.01 - US); **F28F 1/04** (2013.01 - EP); **F28F 1/40** (2013.01 - EP); **F28F 13/12** (2013.01 - EP); **F28F 2220/00** (2013.01 - EP); **F28F 2240/00** (2013.01 - US); **F28F 2265/10** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 20163928 A 20200318; US 201916444575 A 20190618