

Title (en)

Heat exchanger with divided header tank

Title (de)

Wärmetauscher mit abgeteilter Endkammer

Title (fr)

Echangeur de chaleur avec collecteur compartimenté

Publication

EP 0745821 A1 19961204 (EN)

Application

EP 96108486 A 19960528

Priority

JP 15403495 A 19950530

Abstract (en)

A heat exchanger includes upper (20) and lower (30) header tanks which are spaced from each other, and a plurality of pipe members (40) which connect the upper and lower header tanks in fluid communication. At least one header tank (20) has a sidewall (213), which has at least two sides. A slit (215) is formed in each of the sides. A partitioning plate (23) penetrates across the header tank (20) through both slits (215) such that the opposite longitudinal ends are respectively engaged received within the slits. <IMAGE>

IPC 1-7

F28F 9/02

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP)

F28F 9/0212 (2013.01)

Citation (search report)

- [XY] EP 0564761 A2 19931013 - LAENGERER & REICH GMBH & CO [DE]
- [YA] EP 0379701 A1 19900801 - SUEDEDEUTSCHE KUEHLER BEHR [DE]

Cited by

DE102014223732A1; CN1117653C; EP1273868A3; GB2521574A; GB2521574B; EP1486282A1; US10697717B2; WO2005015110A1; WO2014056151A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0745821 A1 19961204; EP 0745821 B1 19980121; CN 1146008 A 19970326; DE 69600151 D1 19980226; DE 69600151 T2 19980716; JP H08327279 A 19961213

DOCDB simple family (application)

EP 96108486 A 19960528; CN 96110464 A 19960530; DE 69600151 T 19960528; JP 15403495 A 19950530