

Title (en)

Welded plate type heat exchanger

Title (de)

Geschweisster Plattenwärmetauscher

Title (fr)

Echangeur de chaleur à plaques soudées

Publication

EP 0578933 B2 19990324 (DE)

Application

EP 93106729 A 19930426

Priority

DE 4223321 A 19920716

Abstract (en)

[origin: EP0578933A1] Plate heat exchanger in which all the plates (1) are welded to one another, for which purpose the plates (1) have along their outer circumference two mutually offset edge regions (3, 4) and likewise mutually offset inlet and outlet openings (2) via which they are welded alternately to one another. <IMAGE>

IPC 1-7

F28D 9/00

IPC 8 full level

F28D 9/00 (2006.01)

CPC (source: EP US)

F28D 9/005 (2013.01 - EP US); **F28F 2240/00** (2013.01 - EP); **F28F 2275/06** (2013.01 - EP)

Cited by

US5864112A; EP0992756A3; DE19617396A1; DE19617396C2; US5829517A; WO9531682A1; US6397940B1; WO0046564A1; WO0046562A1

Designated contracting state (EPC)

AT DE ES FR GB IE IT SE

DOCDB simple family (publication)

EP 0578933 A1 19940119; **EP 0578933 B1 19951206**; **EP 0578933 B2 19990324**; AT E131279 T1 19951215; DE 4223321 A1 19940120; DE 59301080 D1 19960118; ES 2080554 T3 19960201; ES 2080554 T5 19990801; US 5327958 A 19940712

DOCDB simple family (application)

EP 93106729 A 19930426; AT 93106729 T 19930426; DE 4223321 A 19920716; DE 59301080 T 19930426; ES 93106729 T 19930426; US 8164893 A 19930622