

Title (en)

CHARGE MINIMIZED HEAT EXCHANGER

Title (de)

MINIMIERTER LADUNGSWÄRMETAUSCHER

Title (fr)

ÉCHANGEUR DE CHALEUR À CHARGE MINIMISÉE

Publication

**EP 2095053 A1 20090902 (EN)**

Application

**EP 06818951 A 20061201**

Priority

EP 2006011555 W 20061201

Abstract (en)

[origin: WO2008064709A1] Heat exchanger (2) comprising an inlet header (4), an outlet header (6) and a plurality of heat exchanger tubes (8) connecting the inlet header (4) and the outlet header (6) with each other, and further comprising a volume reducing insert (14) in at least one of the headers (4,6).

IPC 8 full level

**F28F 27/02** (2006.01)

CPC (source: EP)

**F25B 40/00** (2013.01); **F28D 1/05316** (2013.01); **F28F 9/0234** (2013.01); **F28F 9/0243** (2013.01); **F28F 9/028** (2013.01); **F28F 13/06** (2013.01); **F28D 2021/0068** (2013.01)

Citation (search report)

See references of WO 2008064709A1

Citation (examination)

- US 2005044884 A1 20050303 - TELESZ JOHN PAUL [US], et al
- EP 1479995 A2 20041124 - WIELAND WERKE AG [DE]
- US 6688138 B2 20040210 - DIFLORA MICHAEL A [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008064709 A1 20080605**; EP 2095053 A1 20090902

DOCDB simple family (application)

**EP 2006011555 W 20061201**; EP 06818951 A 20061201