

Title (en)

container, in particular header of a heat exchanger

Title (de)

Behälter, insbesondere Sammelkasten eines Wärmetauschers

Title (fr)

Conteneur, en particulier boîte collectrice pour un échangeur de chaleur

Publication

**EP 1650522 A3 20100526 (DE)**

Application

**EP 05016194 A 20050726**

Priority

DE 102004041303 A 20040825

Abstract (en)

[origin: DE102004041303A1] The container has circular openings to which connectors (20) are positioned and fastened by soldering. The connectors are formed in hollow cylindrical shape. Each connector is formed with an outside diameter corresponding to the diameter of each circular opening, such that the connector can be rotated for positioning in the circular opening and held in the circular opening after position adjustment. An independent claim is included for the heat exchanger.

IPC 8 full level

**F28F 9/02** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP)

**F28F 9/02** (2013.01); **F28F 9/0248** (2013.01); **F28F 13/12** (2013.01); **F28F 2275/146** (2013.01)

Citation (search report)

- [XD] EP 1285212 B1 20030924 - VALEO THERMIQUE MOTEUR SA [FR]
- [X] US 5555929 A 19960917 - ISHIKAWA MORIO [JP]
- [X] US 2002134453 A1 20020926 - CHIKUMA HIROSHI [JP], et al
- [A] DE 4231339 A1 19940324 - KUEHL HANS [DE]

Cited by

CN112461032A

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**DE 102004041303 A1 20060302**; EP 1650522 A2 20060426; EP 1650522 A3 20100526

DOCDB simple family (application)

**DE 102004041303 A 20040825**; EP 05016194 A 20050726