

Title (en)

Heat exchanger with a header box containing an oil cooler

Title (de)

Wärmetauscher mit einem Wasserkasten, der einen Ölkühler enthält

Title (fr)

Echangeur de chaleur avec une boîte à eau contenant un radiateur d'huile

Publication

EP 0692695 B1 20011114 (FR)

Application

EP 95110947 A 19950712

Priority

FR 9408818 A 19940715

Abstract (en)

[origin: EP0692695A1] The heat exchanger water tank (2) contains an oil radiator (24) with inlet and outlet pipes (34) which pass through sealed joints in a side wall (44) of the tank. The sealed joints hold the oil radiator in position inside the tank, which has one open wall (22). The tank wall (50) opposite the one containing the sealed pipe joints is convex in shape and forms an inner cavity (52) which is at least as long as the oil radiator, and sufficiently wide to allow the radiator to be installed. The convex wall is in the shape of a section of a cylinder and can extend the whole length of the water tank, and its inner radius is greater than the outer radius of the oil radiator. <IMAGE>

IPC 1-7

F28F 9/02

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP US)

F28F 9/0234 (2013.01 - EP US); **Y10S 165/916** (2013.01 - EP)

Cited by

US6029348A; EP0846931A3; DE102013221384A1

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

EP 0692695 A1 19960117; **EP 0692695 B1 20011114**; BR 9503316 A 19960709; DE 69523828 D1 20011220; DE 69523828 T2 20020606; FR 2722562 A1 19960119; FR 2722562 B1 19960906; US 5582243 A 19961210

DOCDB simple family (application)

EP 95110947 A 19950712; BR 9503316 A 19950714; DE 69523828 T 19950712; FR 9408818 A 19940715; US 50069295 A 19950711