

Title (en)
Heat exchanger.

Title (de)
Wärmetauscher.

Title (fr)
Echangeur de chaleur.

Publication
EP 0585775 B1 19950913 (DE)

Application
EP 93113457 A 19930824

Priority
DE 4229028 A 19920901

Abstract (en)
[origin: EP0585775A1] Heat exchangers which are constructed as downdraught radiators for engine cooling, and in which a balancing chamber is divided off in the upper header vessel from the coolant reservoir by a partition, can be filled with the coolant only with great difficulty after being produced. It is proposed to provide the partition (15) with an opening (22) on the side opposite the filler pipe (neck) (31), and to bridge the interspace between the filler pipe and opening by means of a connecting piece (29) which is inserted in the form of an insert in guide devices (26) of the partition (15). Use for downdraught radiators. <IMAGE>

IPC 1-7
F28F 9/02

IPC 8 full level
F28F 9/02 (2006.01)

CPC (source: EP)
F28F 9/0231 (2013.01)

Citation (examination)
DE 2827022 A1 19790118 - CHAUSSON USINES SA

Cited by
EP0641985A1; EP1146210A3; US8459337B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0585775 A1 19940309; EP 0585775 B1 19950913; DE 59300589 D1 19951019; ES 2078784 T3 19951216

DOCDB simple family (application)
EP 93113457 A 19930824; DE 59300589 T 19930824; ES 93113457 T 19930824