

Title (en)  
HEAT EXCHANGER HEADER

Title (de)  
WÄRMETAUSCHERSAMMELKASTEN

Title (fr)  
COLLECTEUR POUR ECHANGEUR DE CHALEUR

Publication  
**EP 2491328 B1 20160727 (FR)**

Application  
**EP 10771406 A 20101018**

Priority  
• FR 0905069 A 20091022  
• EP 2010065632 W 20101018

Abstract (en)  
[origin: WO2011048050A1] The present invention relates to a heat exchanger header, wherein said header includes a lower portion (3) having two longitudinal edges (7), an upper portion (4) forming a cover, and at least one flange (9, 10, 30). According to the invention, said flange (9, 10, 30) has a profile (11, 17, 37) that enables the longitudinal edges (7) of the header, which are provided at least locally folded, to be received at the flanks (12, 19, 38) thereof, so as to simultaneously crimp the flange (9, 10, 30) onto said cover (4) and retain the cover (4) on said lower portion (3).

IPC 8 full level  
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Citation (examination)  
• FR 2808321 A1 20011102 - VALEO THERMIQUE MOTEUR SA [FR]  
• JP 2002206889 A 20020726 - ZEXEL VALEO CLIMATE CONTR CORP

Citation (opposition)  
Opponent : MAHLE International GmbH  
• DE 4232018 A1 19940331 - THERMAL WAERME KAELTE KLIMA [DE]  
• DE 102006040848 A1 20070329 - BEHR GMBH & CO KG [DE]  
• EP 2108909 A1 20091014 - DELPHI TECH INC [US]  
• FR 2875897 A1 20060331 - VALEO THERMIQUE MOTEUR SAS [FR]  
• EP 1813902 A1 20070801 - BEHR GMBH & CO KG [DE], et al  
• FR 2808321 A1 20011102 - VALEO THERMIQUE MOTEUR SA [FR]  
• JP 2002206889 A 20020726 - ZEXEL VALEO CLIMATE CONTR CORP  
• JP 2004219025 A 20040805 - DENSO CORP  
• JP H08296991 A 19961112 - CALSONIC CORP  
• EP 1310748 A2 20030514 - BEHR GMBH & CO [DE]  
• WO 02077548 A1 20021003 - VALEO THERMIQUE MOTEUR SA [FR], et al  
• FR 2914052 A1 20080926 - EBEA SOC PAR ACTIONS SIMPLIFIE [FR]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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