

Title (en)  
Cross-flow heat exchanger

Title (de)  
Kreuzstrom-Wärmetauscher

Title (fr)  
Echangeur thermique à courants croisés

Publication  
**EP 2192372 A3 20131016 (DE)**

Application  
**EP 09176897 A 20091124**

Priority  
DE 102008059737 A 20081201

Abstract (en)  
[origin: EP2192372A2] The cross-flow heat exchanger (1) has pipes (10-12) which are passed through by a medium and are flowed by another medium. Two collecting boxes (2) are provided, in which the pipes are discharged. Conducting elements (13,14) are provided which are arranged between the pipes. The collecting boxes and the pipes are made up of plastics and the conducting elements are made up of metals. The pipes are filled with thermally conductive filler materials.

IPC 8 full level  
**F28F 1/12** (2006.01); **F28D 1/053** (2006.01); **F28F 9/18** (2006.01); **F28F 21/06** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)  
**F28D 1/05383** (2013.01); **F28F 1/126** (2013.01); **F28F 1/128** (2013.01); **F28F 9/182** (2013.01); **F28F 21/062** (2013.01); **F28F 21/067** (2013.01); **F28F 21/08** (2013.01)

Citation (search report)

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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 SE SI SK SM TR

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