

Title (en)  
Condenser assembly

Title (de)  
Kondensatoranordnung

Title (fr)  
Ensemble de condensateur

Publication  
**EP 2037203 A3 20090909 (EN)**

Application  
**EP 08163891 A 20080908**

Priority  
CN 200710030182 A 20070911

Abstract (en)  
[origin: EP2037203A2] A condenser assembly is provided. The condenser includes a first tube-and-fin module (5) having a first flat tube with a first group of microchannels (52) formed parallelly therethrough. The condenser also includes a second tube-and-fin module (5) arranged next to the first tube-and-fin module. The second tube-and-fin module includes a second flat tube with a second group of microchannels (52) formed parallelly therethrough. The condenser further includes a bottom panel (2) having a bottom group of microchannels. The bottom panel is sealingly coupled to the first and second flat tubes at one common end thereof. The bottom group of microchannels (21) extends between and communicates with the first and second groups of microchannels defining a plurality of continuous passages.

IPC 8 full level  
**F28F 9/02** (2006.01); **F25B 39/04** (2006.01); **F28D 1/053** (2006.01); **F28F 9/10** (2006.01); **F28F 1/02** (2006.01); **F28F 1/04** (2006.01); **F28F 1/16** (2006.01); **F28F 1/26** (2006.01)

CPC (source: EP US)  
**F25B 39/04** (2013.01 - EP US); **F28D 1/05391** (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 9/10** (2013.01 - EP US); **F28D 2021/007** (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 1/04** (2013.01 - EP US); **F28F 1/16** (2013.01 - EP US); **F28F 1/26** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US); **F28F 2275/20** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)  
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DOCDB simple family (application)  
**EP 08163891 A 20080908**; CN 200710030182 A 20070911; JP 2008232116 A 20080910; US 20831808 A 20080910