

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Échangeur de chaleur

Publication
EP 2131131 A1 20091209 (EN)

Application
EP 08157756 A 20080606

Priority
EP 08157756 A 20080606

Abstract (en)
A heat exchanger (1;3) comprises at least one group of tubes (20;40) the one ends of which are connected to a first manifold (21;41) and the other ends of which are connected to a second manifold (22;42). Each such group of tubes forms a separate module (2;4) comprising a row of laterally adjacently arranged tubes (20;40) the ends of which are connected to the first (21;41) and second (22;42) manifolds, respectively, with the separate modules (2;4) being arranged one after the other, and with manifolds (21,22;41,42) of adjacently arranged modules being connected to one another through at least one connecting channel piece (25;45) in a manner so as to form a series arrangement of modules (2;4).

IPC 8 full level
F28D 1/04 (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)
F28D 1/0475 (2013.01); **F28D 1/05366** (2013.01); **F28F 9/262** (2013.01)

Citation (applicant)
• US 2008061160 A1 20080313 - OOTOMO ICHIRO [JP], et al
• DE 10260030 A1 20030703 - BEHR GMBH & CO [DE]

Citation (search report)
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• [X] WO 9624021 A1 19960808 - ABB INSTALLAATIOT OY [FI], et al
• [X] WO 2007037670 A1 20070405 - SEASONAIR M SDN BHD [MY], et al
• [Y] JP 2002206890 A 20020726 - MITSUBISHI ELECTRIC CORP
• [Y] GB 2344161 A 20000531 - USUI KOKUSAI SANGYO KK [JP]
• [A] JP 2004239503 A 20040826 - SANYO ELECTRIC CO

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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