

Title (en)
GASKET ARRANGEMENT, HEAT TRANSFER PLATE, KIT AND ASSEMBLY

Title (de)
DICHTUNGSANORDNUNG, WÄRMEÜBERTRAGUNGSPLATTE, KIT UND ANORDNUNG

Title (fr)
AGENCEMENT DE JOINT D'ÉTANCHÉITÉ, PLAQUE DE TRANSFERT DE CHALEUR, KIT ET ENSEMBLE

Publication
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Application
EP 20209214 A 20201123

Priority
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Abstract (en)
A gasket arrangement (3, 97), a heat transfer plate (2, 96), a kit and an assembly (1, 95) are provided. The gasket arrangement (3, 97) comprises a sealing part (9, 115) for sealing between two heat transfer plates (2, 96) of a plate heat exchanger, which heat transfer plates (2, 96) each comprises a number >1 of port holes (5- 8, 99-110). The gasket arrangement further comprises an attachment part (22, 23, 50-52, 73-77, 122), which is arranged to attach the gasket arrangement (3, 97) to one of the heat transfer plates (2, 96). The sealing part (9, 115) comprises an annular outer sealing portion (14, 119), which is arranged to extend along at least a part of a respective outer edge (17, 121) of the heat transfer plates (2, 96) and enclose said portholes (5-8, 99-110) of the heat transfer plates (2, 96), and an annular inner sealing portion (15, 120), which is enclosed by the outer sealing portion (14, 119) and arranged to enclose at least one of the port holes (5-8, 99-110) of each of the heat transfer plates (2, 96). The gasket arrangement (3, 97) is characterized in that the attachment part (22, 23, 50-52, 73-77, 122) is enclosed by the outer sealing portion (14, 119) and arranged on an outside of the inner sealing portion (15, 120), and in that the attachment part (22, 23, 50-52, 73-77, 122) comprises a fastening attachment portion (38, 39, 65-67, 89-93, 129) arranged to be fastened to a first side (4, 98) of said one of the heat transfer plates (2, 96) by means of an adhesive means.

IPC 8 full level
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CPC (source: EP KR US)
F28D 9/005 (2013.01 - EP KR); **F28F 3/083** (2013.01 - EP KR); **F28F 3/10** (2013.01 - EP KR US)

Citation (applicant)
US 4635715 A 19870113 - ANDERSSON JARL A [SE]

Citation (search report)
• [X1] KR 102143827 B1 20200812 - KTC CO LTD [KR]
• [X1] EP 3587984 A1 20200101 - ALFA LAVAL CORP AB [SE]
• [X1] EP 3001131 A1 20160330 - ALFA LAVAL CORP AB [SE]
• [A] EP 3640576 A1 20200422 - DANFOSS AS [DK]
• [AD] US 4635715 A 19870113 - ANDERSSON JARL A [SE]

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WO2022268617A1; EP4109026A1

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