

Title (en)
MULTIBLOCK HEAT-TRANSFER SYSTEM

Title (de)
MEHRBLOCK-WÄRMEÜBERTRAGER

Title (fr)
ECHANGEUR THERMIQUE MULTIBLOC

Publication
EP 1166025 B1 20050810 (DE)

Application
EP 00915170 A 20000307

Priority
• DE 19915389 A 19990406
• EP 0001966 W 20000307

Abstract (en)
[origin: US6810949B1] A multiblock heat-transfer system including a first heat-transfer unit and at least a second heat transfer unit mounted onto the first heat-transfer unit. The first heat transfer unit contains a first heat-transfer tubular block with at least a first collecting chamber at the side. The second heat-transfer unit contains a second heat-transfer tubular block with at least a second collecting chamber at the side. The first and second collecting chamber each consist of their own collecting pipe, and both collecting pipes are inserted into each other at their front faces and are connected in a fluid-tight manner. In the pipe connection area, the external diameter of one of the collecting pipes approximately matches the internal diameter of the other collecting pipe, and a transverse partition is provided for separating the two collecting chambers.

IPC 1-7
F28D 1/04

IPC 8 full level
F28F 1/30 (2006.01); **B21D 53/08** (2006.01); **F28D 1/04** (2006.01); **F28D 1/053** (2006.01); **F28F 9/02** (2006.01); **F28F 9/16** (2006.01)

CPC (source: EP US)
F28D 1/0435 (2013.01 - EP US); **F28F 9/0243** (2013.01 - EP US); **F28D 2021/0084** (2013.01 - EP US); **F28D 2021/0089** (2013.01 - EP US); **F28F 2270/00** (2013.01 - EP US)

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US 6810949 B1 20041102; AT E301813 T1 20050815; AU 3657400 A 20001023; DE 19915389 A1 20001012; DE 50010925 D1 20050915; EP 1166025 A1 20020102; EP 1166025 B1 20050810; ES 2246839 T3 20060301; JP 2002541423 A 20021203; WO 0060298 A1 20001012

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