

Title (en)
LOW PROFILE FINNED HEAT EXCHANGER

Title (de)
FLACHER, GERIPPTER WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR A AILETTES DE FORME COMPACTE

Publication
EP 1478894 A1 20041124 (EN)

Application
EP 03704122 A 20030218

Priority
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• CA 2372399 A 20020219

Abstract (en)
[origin: WO03071213A1] Low profile heat exchanger (10) including a fin plate (5) having opposite facing first and second sides (40, 42) and including a plurality of spaced apart elongate fins (44) that extend outward from the first side and define a plurality of elongate passages (50) that are open facing on the second side, and a flat container having spaced apart cover and shim plates (18, 14) sealably joined about peripheral edges thereof and defining a fluid conducting chamber (24), the container having an inlet opening (28) and an outlet opening (30) in communication with the fluid conducting chamber (24) to permit a fluid to pass into, through, and out of the fluid conducting chamber, wherein the first side (40) of the fin plate is mounted to the shim plate (14) to permit thermal transfer therebetween and the second side (42) of the fin plate is exposed.

IPC 1-7
F28D 1/03; **F28F 3/02**; **F28F 3/12**

IPC 8 full level
F28D 1/03 (2006.01); **F28F 3/02** (2006.01); **F28F 3/06** (2006.01); **F28F 3/08** (2006.01); **F28F 3/12** (2006.01)

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F28D 1/0308 (2013.01 - EP US); **F28F 3/027** (2013.01 - EP US); **F28F 3/12** (2013.01 - EP US); **F28D 2021/0087** (2013.01 - EP US); **F28D 2021/0092** (2013.01 - EP US); **F28D 2021/0094** (2013.01 - EP US)

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