

Title (en)
HEAT EXCHANGER WITH ACCESSIBLE CORE

Title (de)
WÄRMETAUSCHER MIT ZUGÄNLICHEM KERN

Title (fr)
ÉCHANGEUR DE CHALEUR À NOYAU ACCESSIBLE

Publication
EP 2427716 A4 20140618 (EN)

Application
EP 10775297 A 20100507

Priority
• US 2010034066 W 20100507
• US 17689309 P 20090509

Abstract (en)
[origin: WO2010132302A2] A heat exchanger may include a core control assembly movable between compressed and uncompressed positions, and a core. The core may have a plurality of layers with a plurality of passages interleaved therebetween, a portion of the passages extending and open to the periphery of the layers. The core control assembly may be operably coupled to the core to compress the core when the core control assembly is in its compressed position and to permit the core to expand from its compressed state when the core control assembly is moved away from its compressed position. The expansion of the core increases a cross-sectional area of the passages at the periphery of the core.

IPC 8 full level
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Citation (search report)
• [XYI] US 5004044 A 19910402 - HORGAN JOHN J [US], et al
• [XYI] GB 2054819 A 19810218 - HISAKA SEISAKUSHO K K
• [A] GB 2049144 A 19801217 - APV CO LTD
• [Y] WO 9308438 A1 19930429 - ALFA LAVAL FOOD ENG AB [SE]
• [Y] EP 1462752 A2 20040929 - APV NORTH AMERICA INC [US]
• See references of WO 2010132302A2

Designated contracting state (EPC)
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