

Title (en)  
Improvements in or relating to heat exchangers.

Title (de)  
Wärmeaustauscher.

Title (fr)  
Echangeurs de chaleur.

Publication  
**EP 0076077 A2 19830406 (EN)**

Application  
**EP 82304954 A 19820921**

Priority  
GB 8129052 A 19810925

Abstract (en)  
A heat sink for use with a fluid containing garment and comprising a thermoelectric module array adapted to be connected to a suitable power source, a fluid duct in thermally conducting association with the cold junctions of the array, a gas duct in thermally conducting association with the hot junctions of the array and a fan for causing gas to pass in the gas duct, the fluid duct being adapted for connection to a fluid conditioning garment. The heat sink may incorporate a fluid pump, perhaps in tandem with the fan, for pumping fluid through the fluid duct.

IPC 1-7  
**F25B 21/02**; F28D 15/00; A41D 13/00

IPC 8 full level  
**A41D 13/005** (2006.01); **F25B 21/02** (2006.01); **F28D 15/02** (2006.01)

CPC (source: EP)  
**A41D 13/005** (2013.01); **F25B 21/02** (2013.01); **F28D 15/0241** (2013.01)

Cited by  
CN106666862A; EP1080648A3; US2011061839A1; US8528833B2; GB2348640A; GB2348640B; US8397517B2

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DE FR SE

DOCDB simple family (publication)  
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**EP 82304954 A 19820921**; GB 8227051 A 19820922