

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

Designated contracting state (EPC)
DE FR SE

DOCDB simple family (publication)
EP 0076077 A2 19830406; **EP 0076077 A3 19830810**; GB 2106318 A 19830407

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