

Title (en)
COOLING UNIT WITH PIN ELEMENTS

Title (de)
KÜHLKÖRPER MIT ZAPFEN

Title (fr)
ELEMENT DE REFROIDISSEMENT AVEC DES ERGOTS

Publication
EP 0835524 A1 19980415 (DE)

Application
EP 97900948 A 19970102

Priority
• DE 19600164 A 19960104
• DE 19600166 A 19960104
• EP 9700002 W 19970102

Abstract (en)
[origin: US6039114A] PCT No. PCT/EP97/00002 Sec. 371 Date Sep. 4, 1997 Sec. 102(e) Date Sep. 4, 1997 PCT Filed Jan. 2, 1997 PCT Pub. No. WO97/25741 PCT Pub. Date Jul. 17, 1997The invention relates to a cooling body comprising a heat-conducting insulator and having lugs that are attached in the interior of the cooling body.

IPC 1-7
H01L 23/473

IPC 8 full level
H05K 7/20 (2006.01); **F28D 1/00** (2006.01); **F28D 9/00** (2006.01); **F28F 3/02** (2006.01); **F28F 3/04** (2006.01); **H01L 23/373** (2006.01); **H01L 23/473** (2006.01)

CPC (source: EP US)
F28D 9/0031 (2013.01 - EP US); **F28F 3/022** (2013.01 - EP US); **F28F 3/04** (2013.01 - EP US); **F28F 3/12** (2013.01 - EP); **H01L 23/473** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)
See references of WO 9725741A1

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 6039114 A 20000321; EP 0835524 A1 19980415; JP 3090954 B2 20000925; JP H11506873 A 19990615; WO 9725741 A1 19970717

DOCDB simple family (application)
US 89498897 A 19970904; EP 9700002 W 19970102; EP 97900948 A 19970102; JP 52483197 A 19970102