

Title (en)
SUCTION TUBE HEAT EXCHANGER AND METHOD OF MANUFACTURE

Publication
EP 0167978 A3 19860611 (EN)

Application
EP 85108234 A 19850703

Priority
NO 842755 A 19840706

Abstract (en)
[origin: EP0167978A2] The invention concerns a suction type heat exchanger for locating in cooling circuits, comprising a suction tube (1) and a capillary tube (2). The suction tube is provided with one or more integrated grooves (3) shaped complementary to and dimensioned for insertion of the capillary tube. The method for manufacturing the suction heat exchangers is based on exposure to the plastic deformation of both tubes after insertion of the capillary tube (2) into the groove (3) in the suction tube.

IPC 1-7
F25B 41/06; B21D 39/04

IPC 8 full level
B21D 39/04 (2006.01); **F25B 41/06** (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP US)
B21D 39/04 (2013.01 - EP US); **F25B 41/37** (2021.01 - EP US); **F25B 40/00** (2013.01 - EP); **F25B 2400/052** (2013.01 - EP); **F25B 2400/054** (2013.01 - EP)

Citation (search report)
• [X] US 4147037 A 19790403 - GELBARD ROBERT B, et al
• [X] DE 3319733 A1 19831208 - INDESIT [IT]
• [A] US 3448798 A 19690610 - COE THOMAS D
• [A] US 2687626 A 19540831 - BARTLOWE STERLING S
• [A] US 2415243 A 19470204 - HICKMAN CHARLES E

Cited by
CN103673422A; CN102313403A; CN107178935A; CN107806726A; EP0749892A1; US5839777A; EP0258040A1; US7243499B2; DE102017110706A1; JP2020186887A; US9821420B2

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

DOCDB simple family (publication)
EP 0167978 A2 19860115; **EP 0167978 A3 19860611**; DK 308485 A 19860107; DK 308485 D0 19850705; NO 155067 B 19861027; NO 155067 C 19870204; NO 842755 L 19860107

DOCDB simple family (application)
EP 85108234 A 19850703; DK 308485 A 19850705; NO 842755 A 19840706