

Title (en)
Refrigeration dehydration filter

Title (de)
Filtertrockner für Kältekreislauf

Title (fr)
Filtre déshydrateur pour circuit frigorifique

Publication
EP 1048909 A2 20001102 (EN)

Application
EP 00301679 A 20000301

Priority
IT MI990874 A 19990426

Abstract (en)
A refrigerant dehydration filter has an external tube (11,12) sealed at one end to define a return cavity. An internal tube (20) is provided coaxially with the external tube (11,12) and a first external connection (30) is made to the external tube (11,12) with a second external connection (31) being made to the internal tube (20) to facilitate the transfer of refrigerant between the tubes. At least one of the tubes includes desiccating material (21). Preferably, the desiccating material (21) is contained within the external tube (11,12) and the external tube (11,12) provides a substantially larger cross-sectional area compared to the internal tube (20). <IMAGE>

IPC 1-7
F25B 43/00; B01D 53/26

IPC 8 full level
F25B 43/00 (2006.01)

CPC (source: EP)
F25B 43/003 (2013.01)

Cited by
EP1744112A3; EP1744112A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1048909 A2 20001102; EP 1048909 A3 20010207; EP 1048909 B1 20050119; AT E287516 T1 20050215; DE 60017495 D1 20050224; DE 60017495 T2 20060323; ES 2235776 T3 20050716; IT MI990874 A1 20001026

DOCDB simple family (application)
EP 00301679 A 20000301; AT 00301679 T 20000301; DE 60017495 T 20000301; ES 00301679 T 20000301; IT MI990874 A 19990426