

Title (en)
A refrigeration plant

Title (de)
Kälteanlage

Title (fr)
Installation frigorifique

Publication
EP 1262722 A2 20021204 (EN)

Application
EP 02445030 A 20020311

Priority
SE 0101916 A 20010531

Abstract (en)
A refrigerant plant or system includes a refrigerant circuit (10) which comprises in series a first primary heat exchanger (11) with which heat is dumped into the environment, and a second primary heat exchanger (20) with which the heat delivered is reused for locality heating, for instance. The refrigerant is driven in opposite directions through the primary heat exchangers (11, 20). Secondary heat exchangers (31-33) are coupled between and in parallel with the primary heat exchangers (11, 20). Condenser units (51-53) belonging to at least one refrigerating machine (41-43) are cooled by the secondary heat exchangers (51-53). The rates of flow of refrigerant through the primary heat exchangers (11, 20) is controlled so that those refrigerating machines which shall satisfy heat recovery through the medium of a high temperature of condensation are selectively chosen. <IMAGE>

IPC 1-7
F25B 29/00; **F25B 49/02**; **F25B 25/00**

IPC 8 full level
F25B 25/00 (2006.01); **F25B 29/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP)
F25B 25/005 (2013.01); **F25B 29/003** (2013.01); **F25B 49/02** (2013.01); **F25B 2339/047** (2013.01); **F25B 2400/06** (2013.01); **F25B 2400/22** (2013.01)

Cited by
EP1637819A3; BG65811B1; ITFI20130244A1; IT202000016504A1; US9816739B2; EP1637819A2; WO2015071511A1; EP3076110B1; WO2022009106A1

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

DOCDB simple family (publication)
EP 1262722 A2 20021204; **EP 1262722 A3 20031015**; SE 0101916 D0 20010531; SE 0101916 L 20020625; SE 517594 C2 20020625

DOCDB simple family (application)
EP 02445030 A 20020311; SE 0101916 A 20010531