

Title (en)
EVAPORATOR SYSTEM

Title (de)
VERDAMPFERANORDNUNG

Title (fr)
SYSTEME D'EVAPORATEURS

Publication
EP 1042638 A1 20001011 (DE)

Application
EP 98966381 A 19981218

Priority
• DE 29722661 U 19971222
• EP 9808359 W 19981218

Abstract (en)
[origin: WO9932839A1] The invention relates to an evaporator system (10) having at least two evaporators actuated by means of a condenser with coolant which is delivered via an injection position (32). Said evaporators have differing refrigerating capacities and are arranged one behind the other such that they are connected in series. The evaporator having a lower refrigerating capacity (19) is constructed in a plate-like manner, whereas the evaporator having a higher refrigerating capacity (11) is provided with a conduit (14) for guiding the coolant and is connected in series before the evaporator having a lower refrigerating capacity (19). The plate-like evaporator having a lower refrigerating capacity (19) has a section (26) which is provided with the injection position (32) for the coolant and which is at least thermally decoupled to the greatest possible extent from the rest of the plate surface (20) of the evaporator (19).

IPC 1-7
F25B 39/02; F25B 41/06

IPC 8 full level
F25B 39/02 (2006.01); **F25B 41/37** (2021.01); **F25D 11/02** (2006.01)

CPC (source: EP)
F25B 39/024 (2013.01)

Citation (search report)
See references of WO 9932839A1

Cited by
DE202005000909U1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 29722661 U1 19980507; BR 9814362 A 20001017; CN 1157583 C 20040714; CN 1283261 A 20010207; DE 59804098 D1 20020613; EP 1042638 A1 20001011; EP 1042638 B1 20020508; ES 2177133 T3 20021201; PL 190948 B1 20060228; PL 341234 A1 20010326; RU 2185577 C2 20020720; TR 200001764 T2 20011121; WO 9932839 A1 19990701

DOCDB simple family (application)
DE 29722661 U 19971222; BR 9814362 A 19981218; CN 98812492 A 19981218; DE 59804098 T 19981218; EP 9808359 W 19981218; EP 98966381 A 19981218; ES 98966381 T 19981218; PL 34123498 A 19981218; RU 2000119776 A 19981218; TR 200001764 T 19981218