

Title (en)
PLANT FOR PROCESSING COLD WATER AND BRINE

Publication
EP 0451325 A3 19920513 (DE)

Application
EP 90118302 A 19900924

Priority
DE 4011930 A 19900412

Abstract (en)
[origin: EP0451325A2] A plant for processing cold water and brine contains, in a gastight housing (12), at least one coolant circuit (38) which is in heat-exchange contact with a cold water/brine circuit (58, 60) or a cooling water/brine circuit (62, 64), which consists of an evaporator (40), a compressor (46) and a liquefier (42) and which contains NH₃, and a cooler (80) which is connected to the cooling water or brine circuit (64) in the housing (12) to remove the heat loss occurring in the housing (12). Situated near the upper boundary (82) of the housing (12) is a spraying device (84) and in the region of the lower boundary (24) of the housing (12) a collection zone (26). The housing (12) is provided with gastight connections (58, 60, 62, 64, 86, 30) taken to the outside for the cold water or brine circuit, the cooling water supply of the liquefier, the water supply of the spraying device and the liquid drain from the collection zone (26), and with gastight connections for the electrical energy supply or for transmitting the signals from the control, regulation and monitoring devices (134, 136, 138) required. <IMAGE>

IPC 1-7
F25B 49/00; **F25D 17/02**

IPC 8 full level
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CPC (source: EP)
F25B 49/005 (2013.01); **F25D 17/02** (2013.01); **F25B 2400/075** (2013.01)

Citation (search report)
• [A] DE 2431308 A1 19750306 - CLUETT PEABODY & CO INC
• [A] US 4153435 A 19790508 - FISCHER WILLIAM A
• [A] EP 0300866 A1 19890125 - UNITE HERMETIQUE [FR]

Cited by
EP0892231A3; EP0496228A1; EP0832405A4; EP0832404A4; EP3943858A1; FR3112845A1; EP3943855A1; EP3943856A1; FR3112846A1

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EP 90118302 A 19900924; CA 2040323 A 19910412; DE 4011930 A 19900412; DK 64791 A 19910411; FI 911736 A 19910411; IE 120791 A 19910410; JP 7882091 A 19910411; NO 911423 A 19910411