

Title (en)

Device and process for evaporating a liquid

Title (de)

Vorrichtung und Verfahren zum Verdampfen einer Flüssigkeit

Title (fr)

Dispositif et procédé pour l'évaporation d'un liquide

Publication

EP 0795349 B1 20011205 (DE)

Application

EP 96107773 A 19960515

Priority

DE 19605500 A 19960214

Abstract (en)

[origin: DE19605500C1] An assembly to evaporate a liquid has a first (7) and a second (9) heat exchanger both of which incorporate evaporation passages (15) and further passages (16) holding the heating fluid. The first evaporator (7) is a falling film evaporator which incorporates means (13, 14) by which hot fluid is introduced and discharged. The second evaporator (9) is a liquid bath evaporator incorporating means by which heating fluid is introduced. The novelty is that the flow of heating fluid discharged from the first heat exchanger (7) is discharged to the second heat exchanger (9).

IPC 1-7

B01D 1/26; **F25J 3/00**

IPC 8 full level

B01D 1/26 (2006.01); **F17C 9/02** (2006.01); **F25J 3/00** (2006.01); **F25J 3/04** (2006.01); **F28D 9/02** (2006.01)

CPC (source: EP US)

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Cited by

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DE 19605500 C1 19970417; CN 1082824 C 20020417; CN 1161874 A 19971015; DE 59608371 D1 20020117; EP 0795349 A1 19970917; EP 0795349 B1 20011205; JP H09273699 A 19971021; US 5901574 A 19990511

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