

Title (en)  
APPARATUS FOR EXCHANGING HEAT BETWEEN AT LEAST THREE FLUIDS

Title (de)  
WÄRMETAUSCHER FÜR MINDESTENS DREI FLÜSSIGKEITEN

Title (fr)  
INSTALLATION D'ECHANGE THERMIQUE ENTRE AU MOINS TROIS FLUIDES

Publication  
**EP 0912868 B1 20010620 (FR)**

Application  
**EP 97931891 A 19970707**

Priority  
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• FR 9609115 A 19960719

Abstract (en)  
[origin: WO9803831A1] An apparatus for exchanging heat between at least three fluids, including an elongate sealed chamber (1), at least two separate plate cores (10; 40) both arranged inside the sealed chamber (1) and each provided with circuits for two separate fluids, fluid inlet and outlet means for the respective circuits of the plate cores (10; 40), connecting means enabling fluid circulation between said plate cores (10; 40), and means for supporting each of the plate cores (10; 40) in said sealed chamber (1).

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**F28D 9/00**; **F28F 9/007**

IPC 8 full level  
**F28F 9/00** (2006.01); **F28D 9/00** (2006.01); **F28F 9/007** (2006.01)

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**F28D 9/0006** (2013.01 - EP US); **F28D 9/0093** (2013.01 - EP US); **F28F 9/0075** (2013.01 - EP US)

Citation (examination)  
H. Hausen, H. Linde, "Tieftemperaturtechnik", Springer-Verlag, Berlin, Heidelberg, New York, Tokio, 1985, pages 474 et 475; J. H. Perry, "Chemical Engineers' Handbook", McGraw Hill Book Company, 1969, pages 11-13 et 11-14.

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**WO 9803831 A1 19980129**; AT E202414 T1 20010715; AU 3548397 A 19980210; DE 69705311 D1 20010726; DE 69705311 T2 20011122; EP 0912868 A1 19990506; EP 0912868 B1 20010620; FR 2751402 A1 19980123; FR 2751402 B1 19981009; JP 2000514914 A 20001107; JP 4024862 B2 20071219; US 6089313 A 20000718

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