

Title (en)  
Stacked heat exchanger

Title (de)  
Plattenwärmetauscher

Title (fr)  
Echangeur de chaleur à plaques

Publication  
**EP 1016848 B1 20030312 (FR)**

Application  
**EP 99125616 A 19991222**

Priority  
FR 9816635 A 19981230

Abstract (en)  
[origin: EP1016848A1] Heat exchanger is made with stacked bearing plates (1, 20). Plates have separation elements (26) deriving liquid refrigerant flux flowing in axial direction of exchanger into canal region where flux goes from one extremity to another longitudinally to bearing plates.

IPC 1-7  
**F28F 9/02**; **F28D 1/03**

IPC 8 full level  
**F28F 3/08** (2006.01); **F28D 1/03** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)  
**F28D 1/0333** (2013.01 - EP US); **F28F 9/0214** (2013.01 - EP US); **Y10S 165/906** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES GB IT

DOCDB simple family (publication)  
**EP 1016848 A1 20000705**; **EP 1016848 B1 20030312**; DE 69905848 D1 20030417; DE 69905848 T2 20040115; ES 2194416 T3 20031116; FR 2788116 A1 20000707; FR 2788116 B1 20010518; JP 2000213887 A 20000802; JP 4809512 B2 20111109; US 6408940 B1 20020625

DOCDB simple family (application)  
**EP 99125616 A 19991222**; DE 69905848 T 19991222; ES 99125616 T 19991222; FR 9816635 A 19981230; JP 37367999 A 19991228; US 47482099 A 19991229