

Title (en)  
REFRIGERANT RECOVERY SYSTEM

Publication  
**EP 0421999 A4 19920115 (EN)**

Application  
**EP 89901803 A 19890111**

Priority  
• US 14181188 A 19880111  
• US 18252888 A 19880418  
• US 25596088 A 19881011

Abstract (en)  
[origin: WO8906336A1] A system for refrigerant and recovery and processing includes a hollow fluid-tight pressure vessel (28) having a fluid input (64); a hollow annular jacket (26) having its inner surface in thermal communication with the pressure vessel, the jacket having a polar axis in substantial alignment with the gravity vector, and the jacket having a liquid accumulator (27) at the bottom thereof. The jacket is provided with an input (18) in liquid communication with the refrigeration system to be vented during a recovery process, such input line in fluid communication with the pressure vessel during reprocessing of the refrigerant. The input from the refrigerant line is further provided with a liquid expansion element (24) for selectively increasing the volume of fluid flowing from the vessel, or from the refrigerant system to be vented. A condenser (53) is in fluid communication with the input of the pressure vessel.

IPC 1-7  
**F25B 45/00**

IPC 8 full level  
**F25B 45/00** (2006.01)

CPC (source: EP)  
**B60H 1/00585** (2013.01); **F25B 45/00** (2013.01); **F25B 2345/002** (2013.01)

Citation (search report)  
• [A] GB 2056646 A 19810318 - SCHULTZE E KG  
• See references of WO 8906336A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8906336 A1 19890713**; AU 3031589 A 19890801; EP 0421999 A1 19910417; EP 0421999 A4 19920115

DOCDB simple family (application)  
**US 8900094 W 19890111**; AU 3031589 A 19890111; EP 89901803 A 19890111