

Title (en)
REFRIGERANT RECLAIM METHOD AND APPARATUS

Publication
EP 0383795 B1 19930526 (EN)

Application
EP 88909071 A 19881010

Priority
US 10995887 A 19871019

Abstract (en)
[origin: WO8903963A1] A refrigerant reclaim system includes a compressor (30), a heat exchanger (10), an oil separator (20), a condenser (40), a chill tank (50), a filter-dryer (63) and a cooling coil (65) in the chill tank. Refrigerant to be reclaimed is drawn through the cold side of the heat exchanger (10) converted to a gas which is discharged into the oil separator (20) where the gas is directed upwardly in an expanding stream. The flow of the stream is abruptly interrupted to separate oil from refrigerant.

IPC 1-7
F25B 45/00

IPC 8 full level
F25B 43/02 (2006.01); **F25B 45/00** (2006.01)

CPC (source: EP KR)
F25B 43/02 (2013.01 - KR); **F25B 45/00** (2013.01 - EP); **F25B 2345/002** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 8903963 A1 19890505; AT E89914 T1 19930615; AU 2548288 A 19890523; AU 628302 B2 19920917; CA 1328355 C 19940412; DE 3881399 D1 19930701; DE 3881399 T2 19930902; EP 0383795 A1 19900829; EP 0383795 A4 19901227; EP 0383795 B1 19930526; JP H03502236 A 19910523; JP H0633920 B2 19940502; KR 890701965 A 19891222; KR 940003734 B1 19940428

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US 8803485 W 19881010; AT 88909071 T 19881010; AU 2548288 A 19881010; CA 579857 A 19881012; DE 3881399 T 19881010; EP 88909071 A 19881010; JP 50835788 A 19881010; KR 890701104 A 19890619