

Title (en)
APPARATUS FOR RECOVERING A REFRIGERANT FLUID

Publication
EP 0537666 A3 19931103 (EN)

Application
EP 92117430 A 19921013

Priority
US 77873491 A 19911018

Abstract (en)
[origin: EP0537666A2] An apparatus for recovering a compressible refrigeration fluid from a refrigeration system (2) and delivering the recovered fluid to a receiver (6) includes a discriminator tank (12) for discriminating between influent liquid phase fluid and gas phase fluid. Liquid phase fluid is directed to the receiver (6). Gas phase fluid is condensed and directed to the receiver (6). The apparatus further includes a safety tank (64) for preventing overfilling of the receiver (6) and a lightweight compressor (32) particularly adapted to refrigerant recovery. The lightweight compressor includes self lubricating bidirectional seals and renders the recovery apparatus easily transportable to allow convenient field servicing of refrigeration systems. <IMAGE>

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F25B 45/00; F04B 9/02; F04B 39/04

IPC 8 full level
F25B 45/00 (2006.01)

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

Citation (search report)
• [X] US 4981020 A 19910101 - SCUDERI CARMELO J [US]
• [Y] EP 0380302 A2 19900801 - SEISMIC SYSTEMS INC [US]
• [A] US 3358914 A 19671219 - ROBERTSON MACMILLAN WILLIAM

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CN1127620C

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0537666 A2 19930421; **EP 0537666 A3 19931103**; AU 2709092 A 19930422; AU 655678 B2 19950105; CA 2080760 A1 19930419; CA 2080760 C 19951128; JP H05240536 A 19930917

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EP 92117430 A 19921013; AU 2709092 A 19921016; CA 2080760 A 19921016; JP 30487892 A 19921016