

Title (en)
Compression system

Title (de)
Verdichteraggregat

Title (fr)
Dispositif de compression

Publication
EP 0716232 B1 19970813 (DE)

Application
EP 95118467 A 19951123

Priority
• DE 4443429 A 19941206
• DE 29505608 U 19950331

Abstract (en)
[origin: EP0716232A1] The compressor unit (3) has a fluid machine (2) with an inlet opening (1) coupled to a suction line (4) and an outlet opening (5) coupled to a fluid separator (6). The fluid separator has a vent line (9) and a return line (11) leading back to the fluid machine, with an after-cooler (7) inserted in the vent line, allowing recovery of condensate, fed back to the working fluid circuit. A further heat exchanger (10) may be inserted in the return line, with an associated fan (12) providing a cooling air stream, acting as a second after-cooler for returning condensate to the working fluid circuit.

IPC 1-7
F04C 19/00; **F04C 29/04**

IPC 8 full level
F04C 19/00 (2006.01); **F04C 29/04** (2006.01); **F28B 3/04** (2006.01); **F28B 9/08** (2006.01)

CPC (source: EP US)
F04C 19/004 (2013.01 - EP US); **F04C 29/042** (2013.01 - EP US)

Cited by
DE10019718A1; DE19823996A1; EP0823553A2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0716232 A1 19960612; **EP 0716232 B1 19970813**; AT E156894 T1 19970815; CN 1081752 C 20020327; CN 1134518 A 19961030; DE 59500510 D1 19970918; ES 2106611 T3 19971101; JP 3396572 B2 20030414; JP H08232869 A 19960910; US 5618164 A 19970408

DOCDB simple family (application)
EP 95118467 A 19951123; AT 95118467 T 19951123; CN 95120021 A 19951201; DE 59500510 T 19951123; ES 95118467 T 19951123; JP 33413795 A 19951129; US 56766295 A 19951205