

Title (en)

ROTARY PISTON MACHINE HAVING TWO OR MORE STAGES

Publication

EP 0085889 B1 19870304 (DE)

Application

EP 83100640 A 19830125

Priority

DE 3202993 A 19820129

Abstract (en)

[origin: US4601643A] A rotary compressor machine comprises at least one rotary compressor member, gearing for driving the member(s), a drive shaft for coupling to a drive motor, and an auxiliary shaft extending axially parallel to the rotary compressor axis and connected coaxially to the drive shaft, said auxiliary shaft having coupling means at its free end opposite the drive shaft for torque transmission. This enables good matching of each machine to operating conditions, even when two machines are coupled in series connection, in respect of efficiency, induction volume flow, and further parameters without incurring special assembly or manufacturing costs.

IPC 1-7

F04C 15/00; **F04C 11/00**

IPC 8 full level

F04C 23/00 (2006.01); **F01C 11/00** (2006.01); **F01C 21/00** (2006.01)

CPC (source: EP US)

F01C 11/00 (2013.01 - EP US); **F01C 21/008** (2013.01 - EP US); **Y10T 74/19084** (2015.01 - EP US)

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DOCDB simple family (publication)

EP 0085889 A1 19830817; **EP 0085889 B1 19870304**; DE 3202993 A1 19830818; DE 3202993 C2 19860710; GB 2114228 A 19830817; GB 2114228 B 19860305; GB 8302309 D0 19830302; JP S58170891 A 19831007; US 4601643 A 19860722

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EP 83100640 A 19830125; DE 3202993 A 19820129; GB 8302309 A 19830127; JP 1157883 A 19830128; US 46086983 A 19830125