

Title (en)
ROTARY PISTON COMPRESSOR

Publication
EP 0381682 B1 19911204 (DE)

Application
EP 88908150 A 19880930

Priority
• DE 3733398 A 19871002
• DE 3744637 A 19871231

Abstract (en)
[origin: WO8902985A1] A rotary piston compressor with parallel internal axes has a driven external rotor (12) with a compression chamber (17) in which an internal rotor (20) is rotatably mounted. The internal rotor (20) is hollow, made of light metal, and mounted on a shaft (21). Perfect balancing of the masses of the internal rotor (20) is achieved by heavy metal pins (42, 43) which extend the full length of the internal rotor (20). The heavy metal pin (43) also prevents rotation of the internal rotor (20) about the shaft (21) when these parts are not monolithic.

IPC 1-7
F04C 18/10

IPC 8 full level
F04B 27/06 (2006.01); **F01B 15/00** (2006.01); **F04C 18/10** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)
F01B 15/00 (2013.01 - EP US); **F04C 18/10** (2013.01 - EP US); **F04C 29/0021** (2013.01 - EP US)

Citation (examination)
US 883271 A 19080331 - WILSON GEORGE [GB]

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DE 8800601 W 19880930; DE 3744637 A 19871231; DE 3866706 T 19880930; EP 88908150 A 19880930; JP 50755288 A 19880930; US 46630690 A 19900330