

Title (en)

Rotary engine or compressor.

Title (de)

Rotierende Maschine oder Kompressor.

Title (fr)

Moteur rotatif ou compresseur.

Publication

EP 0103985 A2 19840328 (EN)

Application

EP 83304745 A 19830816

Priority

US 40997882 A 19820820

Abstract (en)

A rotary device, such as an engine wherein compression arms are pivoted on a cylindrical rotor to oscillate in recesses opening from the cylindrical periphery of the rotor, pivoting away from the periphery during expansion and toward the periphery during compression. Cam followers on the compression arms engage in a generally oval cam track on the housing so that there are two complete oscillates, or four cycles, during each revolution of the rotor.

IPC 1-7

F01B 13/06

IPC 8 full level

F02B 53/00 (2006.01); **F01B 13/06** (2006.01); **F01C 1/44** (2006.01)

CPC (source: EP)

F01B 13/06 (2013.01)

Cited by

EP2143879A1; US7117841B2; US6431139B1; US7143737B2; CN103821610A; US6796285B2; US6457450B1; EP1483487A4; US6776135B1; US6722321B2

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DOCDB simple family (application)

EP 83304745 A 19830816; JP 15146983 A 19830819