

Title (en)
ROTARY APPARATUS.

Title (de)
ROTIERENDE VORRICHTUNG.

Title (fr)
DISPOSITIF ROTATIF.

Publication
EP 0190135 A4 19881122 (DE)

Application
EP 84903930 A 19841019

Priority
AU PG194783 A 19831020

Abstract (en)
[origin: WO8501776A1] A rotary-piston, positive displacement machine operable as a compressor or combustion engine. The machine comprises a cylindrical enclosing jacket (12); a rotor (11) with apexes (15, 16) which sealingly engage the cylindrical inner wall of the jacket defining a space (13) which is divided by vanes (17, 18) which are movably mounted on the jacket to seal against the jacket and slidingly seal against the rotor. The vanes may be pivotably, slidably or rotatably mounted on the wall of the jacket.

IPC 1-7
F01C 1/22; F01C 1/356; F01C 1/46; F02B 53/08; F04C 18/22; F04C 18/356; F04C 18/46

IPC 8 full level
F02B 53/00 (2006.01); **F01C 1/356** (2006.01); **F04C 18/356** (2006.01)

CPC (source: EP)
F01C 1/3566 (2013.01)

Citation (search report)
• [X] US 3837323 A 19740924 - DELFINO F, et al
• [Y] US 3693600 A 19720926 - NUTKU ATA
• [X] US 4115045 A 19780919 - WYMAN JAMES C
• [A] US 3712273 A 19730123 - THOMAS E
• See references of WO 8501776A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8501776 A1 19850425; BR 8407354 A 19860923; EP 0190135 A1 19860813; EP 0190135 A4 19881122; JP S61500324 A 19860227; KR 850700056 A 19851021

DOCDB simple family (application)
AU 8400212 W 19841019; BR 8407354 A 19841019; EP 84903930 A 19841019; JP 50392384 A 19841019; KR 850700091 A 19850620