

Title (en)
ROTARY PISTON SYSTEM

Title (de)
ROTATIONSKOLBENEINRICHTUNG

Title (fr)
SYSTEME DE PISTON ROTATIF

Publication
EP 0918922 B1 20010131 (DE)

Application
EP 97937571 A 19970813

Priority
• DE 29614108 U 19960816
• EP 9704388 W 19970813

Abstract (en)
[origin: US6322334B1] The present invention relates to a rotary piston system mounted within an engine or a pump and characterized in that a piston moves inside a housing, thus reducing or enlarging closed spaces. The piston is an oloid element rotating about its axis. The internal space consists of two identical shells contiguously assembled along the equatorial planes thereof. The space defined by the shells inside the housing has an enveloping surface resulting from the biaxial rotation of the oloid element, the maximum diameter of which corresponds to its longitudinal profile.

IPC 1-7
F01C 3/02

IPC 8 full level
F01C 1/00 (2006.01); **F01C 3/00** (2006.01); **F01C 3/02** (2006.01)

CPC (source: EP US)
F01C 3/02 (2013.01 - EP US)

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

DOCDB simple family (publication)
US 6322334 B1 20011127; AT E199031 T1 20010215; DE 29614108 U1 19971211; DE 59702978 D1 20010308; EP 0918922 A1 19990602; EP 0918922 B1 20010131; JP 2000516322 A 20001205; JP 3924325 B2 20070606; WO 9807964 A1 19980226

DOCDB simple family (application)
US 24233299 A 19990211; AT 97937571 T 19970813; DE 29614108 U 19960816; DE 59702978 T 19970813; EP 9704388 W 19970813; EP 97937571 A 19970813; JP 51035398 A 19970813