

Title (en)  
Rotary engine

Title (de)  
Kreiskolbenmaschine

Title (fr)  
Machine rotative

Publication  
**EP 0818605 B1 20020508 (DE)**

Application  
**EP 97110513 A 19970626**

Priority  
DE 19627501 A 19960708

Abstract (en)  
[origin: EP0818605A2] The machine comprises a housing which has a cylindrical chamber (11) with a rotary piston (12) and a slide (17). This engages sliding via a flat sealing surface (16b) on a similar counter surface (16a) on the piston. The counter surface is formed on the piston jacket. Both surfaces are at right angles relative to the longitudinal axis (L) of the chamber. Both sealing surfaces are for the same size, and are rectangular or square. The width of the rectangle is the same as the width of the piston. The rectangle length is approximately 1/10 to 5/10 of the piston diameter, and at least 5 mm.

IPC 1-7  
**F01C 1/32**

IPC 8 full level  
**F01C 1/32** (2006.01); **F01C 1/356** (2006.01)

CPC (source: EP)  
**F01C 1/3562** (2013.01)

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

DOCDB simple family (publication)  
**EP 0818605 A2 19980114; EP 0818605 A3 19980909; EP 0818605 B1 20020508**; AT E217387 T1 20020515; DE 19627501 A1 19980115; DE 59707193 D1 20020613

DOCDB simple family (application)  
**EP 97110513 A 19970626**; AT 97110513 T 19970626; DE 19627501 A 19960708; DE 59707193 T 19970626