

Title (en)  
INTERNAL COMBUSTION ENGINE

Publication  
**EP 0357650 B1 19911023 (DE)**

Application  
**EP 88903788 A 19880413**

Priority  
DE 3712992 A 19870416

Abstract (en)  
[origin: WO8808074A1] An internal combustion engine has at least one piston (15, 16) which moves back and forth in a cylindrical piston bore (13, 14) and drives a rotationally supported crankshaft (30) through a connection rod (24, 25). The piston bore (13, 14) is arranged in a rotary element (10) rotationally supported in a housing (1). The rotary element (10, 17) and crankshaft (30) are cinematically coupled through a gear (40, 41, 42, 43) so that they can rotate in opposite directions (60 or 61). The piston bore (13, 14) arranged in the rotary element (10) communicates with an opening (20, 21) in the outer surface of the rotary element (10, 17) which moves past an inlet opening (50) and an outlet opening (51) in the housing (1) during rotation of the rotary element (10).

IPC 1-7  
**F01B 13/06; F02B 57/08**

IPC 8 full level  
**F01B 13/06** (2006.01); **F02B 57/08** (2006.01); **F02B 1/04** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP)  
**F01B 13/068** (2013.01); **F02B 57/08** (2013.01); **F01B 2009/045** (2013.01); **F02B 1/04** (2013.01); **F02B 2075/1816** (2013.01)

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

DOCDB simple family (publication)  
**WO 8808074 A1 19881020**; AT E68850 T1 19911115; DE 3712992 A1 19881103; DE 3865839 D1 19911128; DE 8717614 U1 19890518; EP 0357650 A1 19900314; EP 0357650 B1 19911023; JP 2575054 B2 19970122; JP H02503103 A 19900927

DOCDB simple family (application)  
**EP 8800310 W 19880413**; AT 88903788 T 19880413; DE 3712992 A 19870416; DE 3865839 T 19880413; DE 8717614 U 19870416; EP 88903788 A 19880413; JP 50365488 A 19880413