

Title (en)  
Internal combustion motor.

Title (de)  
Brennkraftmaschine.

Title (fr)  
Moteur à combustion interne.

Publication  
**EP 0343093 A2 19891123 (EN)**

Application  
**EP 89500058 A 19890518**

Priority  
ES 8801966 A 19880518

Abstract (en)  
This invention refers to a motor, indistinctly combustion or diesel one, having in each chamber an operative unitary group in front of a conventional only cylinder, incorporates two parallel cylinders identical between them, permanently related through a gases communicating pass in such a way that the inlet valve is fixed on the other, whilst the spark plug or the injector are situated in above cited pass. The two pistons acting inside these cylinders are associated to the respective crankshaft and dully related between themselves to obtain an absolutely synchronized movement. Tis structuralization facilitates the placement of the valves and allows the dimensional increase of same obtaining at the same time a major balance in forces transmissions to outlet shaft and a substancial reduction in the motor's vibrations.

IPC 1-7  
**F02B 73/00; F02B 75/18**

IPC 8 full level  
**F02B 75/26** (2006.01); **F01B 21/02** (2006.01); **F02B 75/06** (2006.01); **F02B 1/04** (2006.01); **F02B 3/06** (2006.01); **F02B 73/00** (2006.01)

CPC (source: EP)  
**F02B 75/065** (2013.01); **F02B 1/04** (2013.01); **F02B 3/06** (2013.01); **F02B 73/00** (2013.01)

Cited by  
US5732668A

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

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**EP 0343093 A2 19891123; EP 0343093 A3 19900411; ES 2011659 A6 19900201; JP H0286925 A 19900327**

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**EP 89500058 A 19890518; ES 8801966 A 19880518; JP 12546689 A 19890518**