

Title (en)  
TWO-STROKE INTERNAL COMBUSTION ENGINE

Publication  
**EP 0021170 B1 19820623 (DE)**

Application  
**EP 80103129 A 19800604**

Priority  
DE 2923941 A 19790613

Abstract (en)  
[origin: US4296714A] A two stroke internal combustion engine with at least one dual piston, the cylinders of which are connected to each other by a combustion chamber on the cylinder head side. The engine can be charged on the crank chamber side with an air or air/fuel mixture by a turbo or supercharger. Both the leading and trailing pistons of the dual piston construction control the process of transfer of the air or air/fuel mixture through a transfer port from the crank chamber side of the cylinders to the combustion chamber side of the cylinder for the trailing piston as well as the exhaust process such that the exhaust process begins before the initiation of the transfer process. The engine can operate on either the Otto or Diesel cycles and use multiple fuels.

IPC 1-7  
**F02B 25/12**

IPC 8 full level  
**F02B 25/12** (2006.01); **F02B 75/22** (2006.01); **F02F 7/00** (2006.01); **F02B 1/04** (2006.01); **F02B 3/06** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)  
**F02B 25/12** (2013.01 - EP US); **F02B 75/228** (2013.01 - EP US); **F02F 7/0019** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US)

Cited by  
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