

Title (en)  
TWO-STROKE CYCLE ENGINE

Publication  
**EP 0250497 B1 19900801 (DE)**

Application  
**EP 87900055 A 19861215**

Priority  
• DE 3618797 A 19860604  
• DE 8536426 U 19851223

Abstract (en)  
[origin: WO8703931A1] An internal combustion engine includes a single sluice (3) which opens asymmetrically and one-sidedly in an exhaust channel (5) and which runs tangentially within the cylinder (1), diagonally to the cylinder head. A rotating flow is thus obtained in the cylinder along its inner wall, thus ensuring a complete and reliable ignition, a low fuel consumption and a low pollutant content in the exhaust gases.

IPC 1-7  
**F01L 7/12**; **F02B 25/14**

IPC 8 full level  
**F01L 7/12** (2006.01); **F02B 25/14** (2006.01); **F02B 1/04** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP US)  
**F01L 7/12** (2013.01 - EP US); **F02B 25/14** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US)

Cited by  
DE4219236A1

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

DOCDB simple family (publication)  
**WO 8703931 A1 19870702**; DE 3673163 D1 19900906; EP 0250497 A1 19880107; EP 0250497 B1 19900801; US 4815420 A 19890328

DOCDB simple family (application)  
**DE 8600511 W 19861215**; DE 3673163 T 19861215; EP 87900055 A 19861215; US 8834587 A 19870824