

Title (en)

TWO-STROKE DIESEL ENGINE WITH A SPIRAL AIR INTAKE DUCT

Title (de)

ZWEITAKT DIESELBRENNKRAFTMASCHINE MIT EINEM SPIRALFÖRMIGEN LUFTANZUGSKANAL

Title (fr)

MOTEUR DIESEL A DEUX TEMPS AVEC CANAL D'ADMISSION D'AIR EN VOLUTE

Publication

**EP 0754268 B1 19990506 (FR)**

Application

**EP 96900828 A 19960206**

Priority

- CH 9600045 W 19960206
- CH 32195 A 19950206

Abstract (en)

[origin: WO9624757A1] A two-stroke diesel engine with a spiral air intake duct, comprising an air intake duct (1) arranged over a large part of the wall circumference of a cylinder (2) at the bottom dead centre of a piston (9). The air intake duct (1) is connected to the cylinder (2) via transfer ducts (e.g. 3, 4, 5) mutually separated by vanes (e.g. 6, 7, 8). The vanes are at an angle to the central axis of the cylinder so that air is injected into the cylinder with a strong whirling motion about the cylinder axis.

IPC 1-7

**F02B 25/14**

IPC 8 full level

**F02B 25/14** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

**F02B 25/14** (2013.01); **F02B 3/06** (2013.01); **F02B 2275/14** (2013.01)

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**WO 9624757 A1 19960815**; AU 4480296 A 19960827; CH 690307 A5 20000714; DE 69602317 D1 19990610; DE 69602317 T2 20000113; EP 0754268 A1 19970122; EP 0754268 B1 19990506

DOCDB simple family (application)

**CH 9600045 W 19960206**; AU 4480296 A 19960206; CH 32195 A 19950206; DE 69602317 T 19960206; EP 96900828 A 19960206