

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 A1 19970122 (FR)

Application

EP 96900828 A 19960206

Priority

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- 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.

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