

Title (en)

Construction of scavenging air chamber for diesel engine

Title (de)

Aufbau eines Spülluftringraumes für Dieselmotoren

Title (fr)

Construction d'une chambre à air de balayage pour moteur diesel

Publication

**EP 0559597 B1 19960410 (EN)**

Application

**EP 93610014 A 19930224**

Priority

- JP 1585393 A 19930106
- JP 8272192 A 19920304

Abstract (en)

[origin: EP0559597A1] In a two-cycle diesel engine, a control plate (12) is installed near the scavenging air inlet (15) for connecting a scavenging trunk (7) to a scavenging air chamber (10) to make the flow of scavenging air uniform in the circumferential direction in the scavenging air chamber (10), by which the distribution of the scavenging air is made uniform in the circumferential direction of the cylinder liner (1) in the scavenging air chamber (10), and the eccentricity of swirl in the cylinder is eliminated, thereby the scavenging efficiency being improved. <IMAGE>

IPC 1-7

**F02B 25/04**

IPC 8 full level

**F02B 25/04** (2006.01); **F02B 3/06** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

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Citation (examination)

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Designated contracting state (EPC)

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