

Title (en)

Air-charging control system for two-cycle diesel engine.

Title (de)

Aufladeluftregelvorrichtung für Zweitakt-Dieselmachine.

Title (fr)

Dispositif de contrôle de l'air de charge pour moteur diesel à deux temps.

Publication

**EP 0060802 A1 19820922 (EN)**

Application

**EP 82730026 A 19820309**

Priority

JP 3598381 A 19810314

Abstract (en)

An air-charging control system for the two-cycle diesel engine of the exhaust-turbo supercharged type comprises a plurality of air-charging control valves (102) each of which is installed in the passage between an air-charging chamber (101) and each of scavenging chambers (7) for engine cylinders so as to close the passage during part of the period in which the scavenging ports (8) of the associated cylinder are open, including at least the closing point of the scavenging ports, and to open the passage for the remainder of the period thereby admitting the air to the associated scavenging chamber, and drive means (103) for opening and closing the air-charging control valves (102).

IPC 1-7

**F02B 33/44**

IPC 8 full level

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CPC (source: EP)

**F02B 33/44** (2013.01); **F02B 3/06** (2013.01); **F02B 2075/025** (2013.01)

Citation (search report)

- [A] GB 1145945 A 19690319 - SULZER AG
- [A] GB 737340 A 19550921 - BURMEISTER & WAINES MOTORS
- [A] FR 1155449 A 19580428 - S O B E M SOC DE BREVETS ET D
- [A] CH 342407 A 19591115 - BBC BROWN BOVERI & CIE [CH]
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Cited by

US5623895A; US6109248A; GB2473446A; GB2473446B; EP0469596A3; US5251584A; WO9800632A1

Designated contracting state (EPC)

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