

Title (en)

Internal combustion engine with an acoustic insulating cover and a cooling air fan

Title (de)

Schalldämmende Abdeckung für eine Brennkraftmaschine mit Kühlluftgebläse

Title (fr)

Couvercle insonorisant pour moteur à combustion avec un ventilateur pour le refroidissement

Publication

EP 0819839 B1 20020925 (DE)

Application

EP 97111218 A 19970703

Priority

DE 19629307 A 19960720

Abstract (en)

[origin: EP0819839A1] A bulkhead wall extends from the flat part of the cover, extending in the direction of the cylinder head, and forming a defining wall for the cooling air feed. The cylinder head hood (3), in the area of the injection nozzles (6), has an inwardly drawn section supporting on the cylinder head (5) with through passages for the injection nozzles. The inwardly drawn section, in common with the flat cover part and the exhaust gas-side bulkhead wall (10) reaching to the cylinder head hood, together with a parallel suction pipe-side limiting wall (15) extending from the flat part to the hood, forms a channel-shaped, elongated nozzle chamber (9).

IPC 1-7

F02B 77/13; F02F 1/34

IPC 8 full level

F02B 77/13 (2006.01); **F02F 1/34** (2006.01)

CPC (source: EP)

F02B 77/13 (2013.01); **F02F 1/34** (2013.01); **F02F 7/006** (2013.01)

Cited by

CN112502831A; DE102007054954A1; DE102013222765A1; DE102013222765B4; EP3075980A1; CN104204488A; EP2832981A4; DE102005044934B4; JP2013204492A; JP2013204493A

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