

Title (en)

FLOW ADVANTAGEOUS CONSTRUCTION OF AN ENCLOSURE FOR THE REDUCTION OF THE FAN AND ENGINE NOISE OF AN INTERNAL-COMBUSTION ENGINE WITH LIQUID COOLING

Publication

EP 0084868 B1 19870506 (DE)

Application

EP 83100502 A 19830121

Priority

DE 3202592 A 19820127

Abstract (en)

[origin: EP0084868A1] 1. A liquid-cooled low-noise combustion engine having an enclosure which receives the engine and associated fan and which has such a widening near the fan air exit as to make possible an inclined air exit (with a radial component) a in the case of an unenclosed fan, characterized in that : the enclosure has at the fan exit a conical widening which follows the streamline pattern associated with the unenclosed fan, and the cross-section of the enclosure immediately adjacent the widening gradually narrows to a cross-section conditioned by operating considerations (cooling air throughput, noise emission).

IPC 1-7

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IPC 8 full level

F01P 5/06 (2006.01); **F01P 11/10** (2006.01); **F01P 11/12** (2006.01)

CPC (source: EP)

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Cited by

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EP 0084868 A1 19830803; **EP 0084868 B1 19870506**; AT E27037 T1 19870515; DE 3202592 A1 19830804; DE 3371386 D1 19870611

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