

Title (en)
Internal combustion engine with an air inlet device integrated into the cylinder head.

Title (de)
Brennkraftmaschine mit Lufteinlasseinrichtung integriert in einem Zylinderkopf.

Title (fr)
Moteur à combustion interne à dispositif d'admission d'air intégré dans la culasse.

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EP 0470874 B1 19940406 (FR)

Application
EP 91401889 A 19910708

Priority
FR 9010075 A 19900807

Abstract (en)
[origin: EP0470874A1] The invention proposes an internal combustion engine (10) of the type having at least one cylinder head (14) with a plurality of aligned cylinders, an air intake device comprising an intake air distribution housing to which are connected an air inlet pipe (24) and at least one intake conduit, the outlet of which is connected to an intake manifold formed in the cylinder head (14), characterised in that it comprises a cylinder head cover (16) mounted on the upper surface (48) of the cylinder head (14) and which comprises internal partitions (58, 60) which divide up the internal chamber into compartments (62) in order to at least partially form the said intake device, and which open out into the bottom surface (50) of the cylinder head cover (16) in order to act in concert with cells (68) formed opposite in the upper surface (48) of the cylinder head (14). <IMAGE>

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IPC 8 full level
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Cited by
CN103452713A; CN102330615A; EP0645523A1; US5515827A; EP0798450A1; US5720242A; GB2347465A; GB2347465B; CN105569868A;
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