

Title (en)

INTERNAL COMBUSTION ENGINE HAVING A REDUCED CYLINDER HEAD HEIGHT

Title (de)

VERBRENNUNGSKRAFTMASCHINE MIT REDUZIERTER ZYLINDERKOPFHÖHLE

Title (fr)

MOTEUR A COMBUSTION PRESENTANT UNE HAUTEUR DE CULASSE REDUITE

Publication

EP 1883744 A1 20080206 (DE)

Application

EP 06742958 A 20060517

Priority

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Abstract (en)

[origin: WO2006122781A1] The invention relates to an internal combustion engine comprising at least one cylinder and at least one valve, provided for a gas exchange and comprising a first end with a valve disk and a second end. The aim of the invention is to reduce the height of the cylinder head and to reduce the masses that are displaced in a valve drive. For this purpose, the length of a guiding area of a valve bearing disposed for guiding a valve stem is not more than 25 %, preferably between 10 and 20 %, and especially preferred less than 10 % of a valve length.

IPC 8 full level

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Citation (search report)

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