

Title (en)  
MULTIPLE CYLINDER INTERNAL COMBUSTION ENGINE

Title (de)  
MEHRZYLINDRIGE BRENNKRAFTMASCHINE

Title (fr)  
MOTEUR A COMBUSTION INTERNE A PLUSIEURS CYLINDRES

Publication  
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Application  
**EP 00974441 A 20001024**

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Abstract (en)  
[origin: WO0136793A1] The invention relates to a multiple cylinder internal combustion engine, comprising at least one cylinder line which has a cylinder head housing (24) in which inlet and outlet valves (26, 28) are arranged, said valves supplying combustion air to the cylinders and removing combustion waste gases via an exhaust system (36). According to the invention, means (44') are provided for executing different outlet valve stroke courses of at least two cylinders located in a cylinder line and said means reduce the overlapping opening phases of these outlet valves (28), in which the inlet valve (26) and the outlet valve (28) of one of the two cylinders are themselves in an overlapping opening phase. This enables the cylinders of a V8 engine with a crankshaft that is cranked with 90 DEG to be filled with fresh gas uniformly.

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IPC 8 full level  
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