

Title (en)
PISTON WITH A VARIABLE HEADROOM

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Application
EP 88106362 A 19880421

Priority
DE 3714762 A 19870504

Abstract (en)
[origin: EP0289872A2] The invention relates to a reciprocating piston, the variable compression height of which can be specifically varied by means of a regulating device. When used in a combustion engine, the optimum compression ratio can thereby be set for each operating point. The facility exists for reducing the compression height irrespective of pressure values acting on the piston head. In a preferred embodiment an oil-filled control chamber and damping chamber are provided whose feed and outlet ducts can be closed or opened by means of a control piston arranged in the piston pin. For positioning, the control piston is subjected to lubricating oil of varying pressure. <IMAGE>

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CPC (source: EP)
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Citation (search report)
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