

Title (en)

MULTIPLE-PART STEEL PISTON FOR AN INTERNAL COMBUSTION ENGINE HAVING A COOLING DUCT

Title (de)

MEHRTEILIGER STAHLKOLBEN FÜR EINEN VERBRENNUNGSMOTOR MIT EINEM KÜHLKANAL

Title (fr)

PISTON EN ACIER EN PLUSIEURS PIECES DOTE D'UN CANAL DE REFROIDISSEMENT POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2007093289A1] The invention relates to a piston (1) which comprises a piston upper part (2) and a piston lower part (3), wherein there are an annular field which is formed by an annular element (9) and has annular grooves (4), a cooling duct (5) which runs behind the latter coaxially and radially and, in particular, a combustion-chamber recess (6) in the region of the piston upper part (2), and the piston lower part (3) has at least one piston skirt (7) and a corresponding pin hole (8), wherein there is provision according to the invention for the contact regions of the annular element (9) on the piston basic body to be designed with at least one shoulder shape and for the annular element (9) to be joined to the piston basic body non-releasably.

IPC 8 full level

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