

Title (en)  
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
KOLBEN FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)  
PISTON POUR MOTEUR À COMBUSTION INTERNE

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Application  
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Abstract (en)  
[origin: WO2014190963A1] The invention relates to a piston (10, 110, 210, 310, 410) for an internal combustion engine, comprising a piston crown (11) and a piston skirt (21), said piston crown (11) comprising a piston head (12), a peripheral top land (14), a peripheral annular zone (15) with annular grooves (16, 17, 18) and in the region of the annular zone (15), a peripheral cooling channel (19) which is open towards the base and which is closed by means of a closure element. Said cooling channel (19) has a cooling channel base (26) and a cooling channel cover (27). According to the invention, said closure element (35, 135, 235, 335, 435) is arranged in such a manner in the piston crown (11) that the cooling channel base (26) is arranged above the lowest annular groove (18).

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Citation (search report)  
See references of WO 2014190963A1

Citation (examination)  
• JP 2010196559 A 20100909 - TOYOTA MOTOR CORP  
• JP S5429209 U 19790226  
• FR 2327409 A1 19770506 - WELLWORTHY LTD [GB]  
• DE 2546388 A1 19770421 - MTU FRIEDRICHSHAFEN GMBH [DE]  
• FR 2246742 A1 19750502 - MASCHF AUGSBURG NUERNBERG AG [DE]

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