

Title (en)  
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
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Title (fr)  
PISTON DE MOTEUR A COMBUSTION INTERNE

Publication  
**EP 1642017 B1 20110511 (DE)**

Application  
**EP 04738618 A 20040607**

Priority  
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• DE 10325914 A 20030607

Abstract (en)  
[origin: US2004244581A1] A piston for an internal combustion engine which comprises a piston body, and a ring element, which together form a basic piston body. When the ring element is screwed onto the piston body, it forms a ring shaped cooling channel which is closed off in a direction of the pin bosses by a projection of the basic body. The projection is structured in the form of an elastically resilient cup spring which is deformed when the ring element is screwed onto the body. This deformation and counter stress, contributes to the strength of the screw connection.

IPC 8 full level  
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CPC (source: EP KR US)  
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CN 100412345 C 20080820; CN 1802498 A 20060712; DE 10325914 A1 20041223; DE 10325914 B4 20120802; EP 1642017 A1 20060405;  
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