

Title (en)  
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
KOLBEN FÜR EINEN VERBRENNUNGSMOTOR

Title (fr)  
PISTON POUR MOTEUR À COMBUSTION INTERNE

Publication  
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Application  
**EP 11817266 A 20111111**

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Abstract (en)  
[origin: WO2012062286A1] The present invention relates to a piston (10) for an internal combustion engine, comprising a piston head (11) and a piston skirt (15) delimited by a lower skirt edge (18), wherein the piston skirt (15) comprises a running surface (16) associated with the pressure side (DS) of the piston skirt and a running surface (17) associated with the counter-pressure side (GDS) of the piston skirt and a zone (21, 21') is associated with each of the two running surfaces (16, 17), which zone starts from the lower skirt edge (18) and is exposed to a maximum load during the operation of the internal combustion engine. According to the invention, the zone (21) of the running surface (16) associated with the pressure side (DS) and/or the zone (21') of the running surface (17) associated with the counter-pressure side (GDS) is provided with a coating (23, 23'), which has vertically extending grooves (24, 24').

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See references of WO 2012062286A1

Citation (examination)  
• JP 2010106724 A 20100513 - HINO MOTORS LTD  
• US 4280455 A 19810728 - YAMAGUCHI HIROSHI, et al

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