

Title (en)  
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
KOLBEN FÜR EINE BRENNKRAFTMASCHINE

Title (fr)  
PISTON POUR MOTEUR A COMBUSTION INTERNE

Publication  
**EP 1922479 B1 20160713 (DE)**

Application  
**EP 06776553 A 20060802**

Priority  
• EP 2006007638 W 20060802  
• DE 102005042857 A 20050908

Abstract (en)  
[origin: WO2007028466A1] The invention relates in particular to a piston (1). Said piston comprises a piston head (3), a ring zone (6) and a piston skirt (2), consisting of load-bearing skirt wall sections (7) and rear connecting walls (5), which interconnect the skirt wall sections (7) and piston-pin bosses (4), which run on a boss axis that is set back from a piston axis and penetrate the connecting walls (5). The peripheral lower edge (8) of said connecting walls (5) is convex in relation to an axis (10) and the upper edge (9) of said connecting walls, preferably below the ring zone (6), is concave in relation to the axis (10). The piston is equipped with a reinforced section (15) in the vicinity of the piston head (3), said section running radially behind the ring zone (6).

IPC 8 full level  
**F02F 3/08** (2006.01); **F02F 3/28** (2006.01)

CPC (source: EP KR US)  
**B22D 19/0027** (2013.01 - EP US); **B22D 19/02** (2013.01 - EP US); **F02F 3/00** (2013.01 - EP US); **F02F 3/08** (2013.01 - EP KR US); **F02F 3/28** (2013.01 - KR); **F02F 3/28** (2013.01 - EP US); **F02F 2200/06** (2013.01 - EP US)

Citation (opposition)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007028466 A1 20070315**; DE 102005042857 A1 20070322; EP 1922479 A1 20080521; EP 1922479 B1 20160713; JP 2009507173 A 20090219; KR 20080068805 A 20080724; PL 1922479 T3 20170531; US 2008245229 A1 20081009; US 8683913 B2 20140401

DOCDB simple family (application)  
**EP 2006007638 W 20060802**; DE 102005042857 A 20050908; EP 06776553 A 20060802; JP 2008529486 A 20060802; KR 20087006751 A 20080320; PL 06776553 T 20060802; US 6579906 A 20060802