

Title (en)
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KOLBEN FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
PISTON POUR MOTEUR A COMBUSTION INTERNE

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Application
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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).

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Opponent : Federal-Mogul Nürnberg GmbH (DE)
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