

Title (en)
A piston for diesel engines

Title (de)
Kolben für Dieselmotormaschine

Title (fr)
Piston pour moteur diesel

Publication
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Application
EP 96610030 A 19960812

Priority
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Abstract (en)
A piston for diesel engines comprises several parts (1, 2) inter-connected by way of welding and being adapted to transfer combustion forces to a piston rod (20). The piston (1) comprises a central integrally shaped part (2) which is adapted to be permanently connected to the piston rod (20)) and which comprises a cylindrical central wall (4) extending coaxially with the central axis (6) of the piston. In addition, the integrally shaped part (2) comprises ribs (5) projecting radially from the central wall and extending in substantially radial planes including the central axis (6) of the piston (1). The piston comprises furthermore a piston top (7) extending as an end wall for the cylindrical central wall (4) and the spaces between the radial ribs (5) to the area adjacent the outer ends of the ribs (5). The piston (1) comprises an outermost cylindrical part (3) provided with outer circumferential annular grooves (12-15) for receiving sealing rings (16-18). At an upper end the outermost cylindrical part (3) is connected to the outer periphery of the piston top (7) by way of welding. <IMAGE>

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IPC 8 full level
F02F 3/00 (2006.01); **F02F 3/22** (2006.01); **F02B 3/06** (2006.01); **F02B 75/02** (2006.01)

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Citation (search report)
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