

Title (en)

HOLLOW PISTON FOR A PISTON ENGINE AND METHOD FOR PRODUCING A HOLLOW PISTON

Title (de)

HOHLKOLBEN FÜR EINE KOLBENMASCHINE UND VERFAHREN ZUM HERSTELLEN EINES HOHLKOLBENS

Title (fr)

PISTON CREUX POUR MACHINE A PISTON ET PROCEDE POUR FABRIQUER UN PISTON CREUX

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Application

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Abstract (en)

[origin: DE19934216A1] The invention relates to a hollow piston (1) for a piston engine comprising a closed annular cavity (9). Said hollow piston is comprised of a first piston part (1a) with a base section (3) from which a joint part (4) extends in one axial direction, and from which a peripheral wall (6) that delimits the annular cavity (9) on the outside, and a mandrel (7) that delimits the annular cavity (9) on the inside extend, each as one piece, in the other axial direction. The hollow piston is also comprised of a second piston part (1b) having a cover (8) which is connected to the ends of the peripheral wall (6) and of the mandrel (7), said ends facing away from the base section (3). In order to achieve an economical and simple production while ensuring the provision of a stabile construction, the peripheral wall (6) and the mandrel (7) are formed on the base section (3) without machining.

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