

Title (en)  
FORGING DEVICE FOR THE PRODUCTION OF A PISTON BLANK, AND METHOD FOR THE PRODUCTION OF THE PISTON BLANK BY MEANS OF SAID FORGING DEVICE

Title (de)  
SCHMIEDEVORRICHTUNG ZUR HERSTELLUNG EINES KOLBENROHLINGS UND VERFAHREN ZUR HERSTELLUNG DES KOLBENROHLINGS UNTER VERWENDUNG DER SCHMIEDEVORRICHTUNG

Title (fr)  
DISPOSITIF DE FORGEAGE POUR FABRIQUER UNE ÉBAUCHE DE PISTON ET PROCÉDÉ POUR FABRIQUER L'ÉBAUCHE DE PISTON AU MOYEN DU DISPOSITIF DE FORGEAGE

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Application  
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Abstract (en)  
[origin: WO2013050020A1] Disclosed is a forging device (1) for producing a piston blank (28), comprising a forging mold (7, 10, 11) that has an essentially cylindrical cavity matching the radial outer surface of the piston blank (28), a forging base (8) delimiting the cavity, and a central die (14) consisting of a mandrel (21) that has a conically tapering extension (24) which is mounted on the mandrel and the shape of which matches the inner surface of the piston blank. In order to form the radially outer surfaces of the piston slipper walls (27, 27') and a peripheral cooling pocket (20) located radially outside the slipper walls (27, 27') in the piston head (29), the forging device (1) has two lateral jaws (10, 11) which are mounted in the forging device (1) so as to be movable at an angle to the longitudinal axis (3) of the forging device (1).

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