

Title (en)

PROCESS FOR MANUFACTURING PISTONS, PISTON RODS, AS WELL AS CYLINDERS FOR HYDRAULIC OR PNEUMATIC UNITS

Title (de)

VERFAHREN ZUM HERSTELLEN VON KOLBEN UND KOLBENSTANGEN SOWIE ZYLINDERN FÜR HYDRAULIK- ODER PNEUMATIKAGGREGATE

Title (fr)

PROCEDE PERMETTANT DE PRODUIRE DES PISTONS, DES TIGES DE PISTON, AINSI QUE DES CYLINDRES POUR UNITES HYDRAULIQUES ET PNEUMATIQUES

Publication

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Application

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Abstract (en)

[origin: WO9502486A1] A process is disclosed for manufacturing pistons and piston rods, as well as cylinder for hydraulic or pneumatic units. The sliding surface of a finely trimmed cylindrical semi-finished product made of an aluminium alloy is hard anodized, the thus hard anodized product is rotated around its axis and the thus formed ceramic sliding surface layer is machined in several successive grinding processes by flat grinding media having grains of different, decreasing sizes.

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