

Title (en)
PRODUCTION OF MACHINE PARTS PROVIDED WITH A MINERAL CASTING

Title (de)
HERSTELLUNG VON MIT MINERALGUSS AUSGEKLEIDETEN MASCHINENTEILEN

Title (fr)
PRODUCTION DE PIECES MECANIQUES REVETUES DE FONTE MINERALE

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Abstract (en)
[origin: WO2004033919A1] The invention relates to a method for the production of machine parts which are at least partially provided with a mineral casting. The mineral casting is carried out in a liquid state in at least one part of a housing element (1,2) of the machine part acting as a casting mould, such that said mineral casting, after hardening, forms a lining element adapted to the inner contour of the housing element (1,2). The aim of the invention is to enable the mineral cast lining elements (5) to be adapted as accurately as possible to the inner contour of the outer housing (1,2) without any risk of destroying the mineral cast body (5) occurring when pumps are produced or operated. According to the invention, the inner surfaces of the housing element (1,2) are treated with a separating means (3) prior to the casting out operation.

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