

Title (en)

SEALING OF SUCTION CASING ON THE PISTON SIDE DURING A VACUUM DIE-CASTING METHOD

Title (de)

KOLBENSEITIGE ABSAUGABDICHTUNG BEI ANWENDUNG DES VAKUUMDRUCKGIESSVERFAHRENS

Title (fr)

ETANCHEIFICATION DU CHASSIS D'ASPIRATION COTE PISTON LORS DE LA MISE EN OEUVRE DU PROCEDE DE COULEE SOUS PRESSION SOUS VIDE

Publication

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Application

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Abstract (en)

[origin: DE19921496A1] One of the basic pre-requisites for using the vacuum die-casting method is that said method takes place in a circuit which is sealed off from the exterior. Appropriately secure sealing systems are required, in order to avoid undesired air penetrations. According to the invention, the area between a plunger (8) and a suction casing (13) is sealed. The plunger has at least two different diameters D1 and D2, whereby the smaller diameter D2 is located at the rear end of the plunger. A sealing element (11) which corresponds to the D2 diameter is provided in the suction casing (13).

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