

Title (en)

METHOD FOR PRODUCING A COOLED RING CARRIER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GEKÜHLTEN RINGTRÄGERS

Title (fr)

PROCEDE DE PRODUCTION D'UN SUPPORT ANNULAIRE REFROIDI

Publication

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Application

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Abstract (en)

[origin: WO2004000489A1] The invention relates to a method for producing a cooled ring carrier (1) for an aluminium piston pertaining to an internal combustion engine and produced according to a casting method, comprising a cooling channel (6) which is embodied on the rear (3) of the ring carrier as a downwardly open turned groove (4). According to the invention, salt granules are pressed into the turned groove (4) at a pressure of between 100 and 300 N/mm², in such a way that a salt core (5) is formed in the turned groove (4). The composite consisting of the ring carrier and the salt core is then immersed in an alfin bath.

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