

Title (en)

METHOD OF PRODUCING BY CASTING A PISTON WITH A COOLED RING CARRIER

Title (de)

VERFAHREN ZUR GIESSTECHNISCHEN HERSTELLUNG EINES KOLBENS MIT EINEM GEKÜHLTEN RINGTRÄGER

Title (fr)

PROCEDE POUR PRODUIRE PAR COULEE UN PISTON COMPORTANT UN SUPPORT ANNULAIRE REFROIDI

Publication

EP 1333949 A1 20030813 (DE)

Application

EP 01996444 A 20011019

Priority

- DE 0104003 W 20011019
- DE 10057366 A 20001118

Abstract (en)

[origin: WO0240202A1] The aim of the invention is to prevent, in a cooled ring carrier (1) for pistons, during Alfin bonding, the formation of oxides induced by air that escapes due to porous ring carrier material and, as a consequence, an impairment of the ring carrier bond. To this end, the cooled ring carrier, once the ring carrier part and the sheet metal part (3) have been linked, is subjected to negative pressure in a vacuum tank.

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B22D 19/00

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CPC (source: EP KR US)

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See references of WO 0240202A1

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DOCDB simple family (publication)

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