

Title (en)
PROCESS OF MAKING BRAKE ROTORS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BREMSZYLINDERN

Title (fr)
PROCEDE DE FABRICATION DE DISQUES DE FREIN

Publication
EP 1140388 A1 20011010 (EN)

Application
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Priority
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Abstract (en)
[origin: WO0032330A1] An apparatus and method for casting dimensionally predictable brake rotors is provided. The apparatus includes a first mold portion (12), or cope/ram half, and a second mold portion (16), or drag/swing half, movable relative to each other. The first mold portion (12) and the second mold portion (16) define a mold cavity (14) for casting the brake rotor (24). A fin core (20) is then provided and positioned in the mold cavity (14) for forming a plurality of cooling fins on the brake rotor (24). The fin core (20) is made of a silica sand and carbon sand mixture, wherein the carbon sand is a crushed calcined petroleum coke.

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