

Title (en)

METHOD OF MANUFACTURING CASTING FOR MOLD FOR MOLDING TIRE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER GUSSFORM ZUR REIFENFORMUNG

Title (fr)

PROCÉDÉ DE FABRICATION D UNE COULÉE POUR UN MOULE DESTINÉ À MOULER UN PNEUMATIQUE

Publication

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Application

EP 09812950 A 20090615

Priority

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Abstract (en)

Provided is a method of manufacturing a casting for a mold for molding a tire, wherein twist and warp deformation of each block of the casting is less likely to occur when the casting shrinks, the difference between the degrees of shrinkage of cope and drag is small, the casting, even if large-sized, can be produced in a relatively short molten metal solidifying time, and healthy castings can be easily obtained. A method of manufacturing a casting for a mold for molding a tire of a sectional mold type in which the mold is opened and closed by dividing the mold into a plurality of pieces in the circumferential direction comprises a process of manufacturing each of divided block castings (1) by casting them individually. In this process, molten metal is poured into a casting mold where chills are disposed on four sides, the sides being an upper surface portion (2a), a lower surface portion (2b) and both sides of circumferentially divided surfaces (3a, 3b), and surrounding from four directions a design surface (6) which is a contact surface with the mold from four directions, such that at least the chills surround the design surface (6) continuously.

IPC 8 full level

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