

Title (en)

COOLING DUCT ARRANGEMENT WITHIN A HOLLOW-CAST CASTING

Title (de)

KÜHLKANALANORDNUNG INNERHALB EINES HOHLGEGOSSENEN GUSSTEILS

Title (fr)

AGENCEMENT DE CANAUX DE REFROIDISSEMENT À L'INTÉRIEUR D'UNE PIÈCE MOULÉE CREUSE

Publication

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Application

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Abstract (en)

[origin: WO2009121715A1] The invention describes a cooling duct arrangement within a hollow-cast casting, having a flow region for a coolant (K), which flow region is delimited by at least two casting walls which are spaced apart from one another and which flow region is divided in the flow direction into two cooling ducts (7) by at least one line of ribs (6) which is connected to both walls of the casting. The invention is characterized in that at least one gap (13) is provided along the at least one line of ribs (6), at which gap (13) two fin ends (61, 62) are situated opposite one another with a spacing, one of which fin ends has a contour in the shape of a "dog's bone" (14).

IPC 8 full level

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