

Title (en)

RAPID COOLING METHOD FOR PARTS BY CONVECTIVE AND RADIATIVE TRANSFER

Title (de)

VERFAHREN ZUM SCHNELLEN ABKÜHLEN VON WERKSTÜCKEN DURCH KONVEKTIVER UND STRAHLUNGS-ÜBERTRAGUNG

Title (fr)

PROCEDE DE REFROIDISSEMENT RAPIDE DE PIECES PAR TRANSFERT CONVECTIF ET RADIATIF

Publication

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Application

EP 03712227 A 20030109

Priority

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Abstract (en)

[origin: WO2004027098A1] A rapid cooling method for metal parts, using a pressurized cooling gas, characterized in that the cooling gas comprises one (or several) principal gas(es) absorbing infra-red radiation, selected in such a way as to improve thermal transfer to the part by combining radiative and convective transfer phenomena in order to optimize the convective transfer coefficient.

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IPC 8 full level

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CPC (source: EP KR US)

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