

Title (en)
METHOD FOR THE HOMOGENEOUS NON-CONTACT COOLING OF HOT, NON-ENDLESS SURFACES AND DEVICE THEREFOR

Title (de)
VERFAHREN ZUM HOMOGENEN, KONTAKTLOSEN KÜHLEN VON HEISSEN, NICHT ENDLOSEN OBERFLÄCHEN UND VORRICHTUNG HIERFÜR

Title (fr)
PROCÉDÉ DE REFROIDISSEMENT HOMOGENE SANS CONTACT DE SURFACES À REFROIDIR NON CONTINUES ET DISPOSITIF À CET EFFET

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Abstract (en)
[origin: WO2016192992A1] The present invention relates to a device for cooling hot objects, in particular a device for the homogeneous, non-contact cooling of hot, primarily non-endless surfaces, wherein the device for cooling comprises at least a cooling blade or a cooling cylinder, the cooling blade or the cooling cylinder having a hollow design and a cooling blade nozzle edge or a plurality of serially arranged cooling cylinders. At least one nozzle is provided in the nozzle edge, which is directed to an object to be cooled, wherein at least seven cooling blades are arranged in such a manner that the flow image on the surface to be cooled forms a honeycomb-like structure. The invention also relates to a method therefor.

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