

Title (en)

HEAT TREATMENT AND SAND REMOVAL FOR CASTINGS

Title (de)

WÄRMEBEHANDLUNG UND SANDENTFERNUNG VON GUSSTEILEN

Title (fr)

TRAITEMENT THERMIQUE ET RETRAIT DES NOYAUX DE SABLE DES PIECES COULEES

Publication

EP 1225993 A1 20020731 (EN)

Application

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Priority

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Abstract (en)

[origin: WO0108836A1] A system and method for heat treating castings (13, 53) and removal cores (54) therefrom. The castings (13, 53) are initially located in indexed positions with their x, y, and z coordinates known. The castings (13, 53) are passed through a series of nozzle stations (41, 63) each having a series of nozzles (42, 64, 64') mounted in present positions corresponding to the known indexed positions of the castings passing through the nozzle stations (41, 63). The nozzle (42, 64, 64') apply heated fluids to the castings (13, 53) for heat treating the castings (13, 53) and dislodging the sand cores (54) for removal from the castings (13, 53).

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