

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 A4 20040901 (EN)

Application

EP 00952228 A 20000727

Priority

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- US 15090199 P 19990826
- US 20274000 P 20000510

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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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] US 5071487 A 19911210 - MCKIBBEN KENNETH D [US], et al
- See references of WO 0108836A1

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