

Title (en)

Methods and apparatus for heat treatment and sand removal for castings

Title (de)

Verfahren und Vorrichtung zur Wärmebehandlung und Sandentfernung für Gussteile

Title (fr)

Procédés et appareil pour traitement thermique et suppression de sable pour moulages

Publication

EP 2027953 A3 20100120 (EN)

Application

EP 08167058 A 20030807

Priority

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- US 40196902 P 20020808

Abstract (en)

[origin: WO2004014581A2] A system and method for heat treating castings and removing sand cores therefrom. The castings are initially located in indexed positions with their x, y, and z coordinates known. The castings are passed through a heat treatment station typically having a series of nozzles mounted in preset positions corresponding to the known indexed positions of the castings passing through the heat treatment station. The nozzles apply fluid to the castings for heat treating the castings and degrading the sand cores for removal from the castings.

IPC 8 full level

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CPC (source: EP)

B22D 29/002 (2013.01); **B22D 29/003** (2013.01); **B22D 29/006** (2013.01); **C21D 9/00** (2013.01)

Citation (search report)

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