

Title (en)

Process and apparatus for continuously manufacturing spheroidal graphite cast iron pipes with a controlled microstructure.

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Herstellen von Rohren aus Gusseisen mit Kugelgraphit und mit kontrolliertem Gefüge.

Title (fr)

Procédé et installation pour la fabrication continue de tuyaux en fonte à graphite sphéroïdal à structure contrôlée.

Publication

EP 0190458 A1 19860813 (FR)

Application

EP 85116525 A 19851223

Priority

FR 8500159 A 19850104

Abstract (en)

[origin: US4800949A] The invention concerns a method and apparatus for thermally treating cast-iron pipes formed in a continuous casting die. The pipe or tube undergoes tempering by passing through a vat which is located downstream from the continuous casting die. The vat contains a continuously cooled bath of fluidized sand or the like which lowers the temperature of the tube in a uniform manner and makes it possible to obtain a very precise and homogeneous tube structure.

Abstract (fr)

A la suite de la formation d'un tuyau en fonte à graphite sphéroïdal dans une filière de coulée continue, le tuyau en fonte subit un traitement thermique. Le tuyau en fonte subit une trempe en traversant en continu un bac 9 placé à l'aval d'une filière 4-5 de coulée continue, et contenant un bain 15 de sable fluidisé. Obtention d'une structure homogène pour le tuyau en fonte, et reproductible industriellement.

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C21D 5/00; C21D 9/08

IPC 8 full level

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Citation (search report)

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