

Title (en)
CENTRIFUGALLY CAST TUBE MADE FROM SPHEROIDAL GRAPHITE CAST IRON, AND PROCESS FOR THE MANUFACTURE THEREOF

Publication
EP 0087634 B1 19860108 (FR)

Application
EP 83101259 A 19830210

Priority
FR 8203327 A 19820301

Abstract (en)
[origin: US4448610A] The cast tube (T) is subjected internally in a chill-mould (1) to the uniform spraying of water from 1000 DEG C. approximately to 350 DEG C. approximately. Then it is extracted from the chill-mould and in a furnace is subjected to isothermal bainitisation maintenance, after which it is cooled in the atmosphere to ambient temperature. Without it being necessary to add expensive chilling elements, one thus obtains lightened tubes having very good mechanical properties and the ovalisation of which remains acceptable.

IPC 1-7
C22C 37/04; **C21D 5/00**

IPC 8 full level
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CPC (source: EP KR US)
C21D 5/00 (2013.01 - EP US); **C22C 37/04** (2013.01 - EP KR US)

Citation (examination)
GIESSEREI-PRAXIS, vol. 1, 15 Janvier 1982, BERLIN (DE) K. ROHRIG: "Niedriglegierte Gusseisenwerkstoffe", pages 1-16

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