

Title (en)

CGI CAST IRON AND A PRODUCTION METHOD FOR THE SAME

Title (de)

CGI-GUSSEISEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

FORTE CGI ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 10839697 A 20101208

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- KR 2010008730 W 20101208

Abstract (en)

[origin: EP2518174A2] The present invention relates to cast iron, and more particularly, to a compacted graphite iron (CGI) cast iron having an improved casting property, stable tensile strength and yield strength, and hardness in an appropriate range, by being produced with the amounts of carbon (C), silicon (Si), manganese (Mn), copper (Cu), tin (Sn), and magnesium (Mg) controlled, and a production method thereof.

IPC 8 full level

C22C 37/10 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [A] WO 0138593 A1 20010531 - SINTERCAST AB [SE], et al
- [A] WO 03045625 A2 20030605 - TUPY FUNDICOES LTDA [BR], et al
- [A] JP H09202935 A 19970805 - HITACHI LTD
- See references of WO 2011078500A2

Designated contracting state (EPC)

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