

Title (en)
CGI CAST IRON AND A PRODUCTION METHOD FOR THE SAME

Title (de)
CGI-GUSSEISEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
FONTE CGI ET SON PROCÉDÉ DE FABRICATION

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Application
EP 10839697 A 20101208

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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.

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C22C 37/10 (2006.01)

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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

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