

Title (en)

CAST-IRON ALLOY, AND CORRESPONDING PART AND PRODUCTION METHOD

Title (de)

GUSSEISERNE LEGIERUNG UND ENTSPRECHENDES TEIL SOWIE HERSTELLUNGSVERFAHREN

Title (fr)

ALLIAGE DE FONTE, PIÈCE ET PROCÉDÉ DE FABRICATION CORRESPONDANTS

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Application

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Abstract (en)

[origin: WO2016041971A1] The invention relates to a spheroidal graphite or flake graphite cast-iron alloy comprising the following elements, in wt. %: between 1.2% and 3.5% of carbon (C), between 1.0% or 1.2% and 3% of silicon (Si), between 26% and 31% of nickel (Ni), and between 15% and 20% of cobalt (Co), the remainder being iron and unavoidable impurities. The invention is applicable to the production of tools.

IPC 8 full level

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