

Title (en)

METHOD FOR THE HEAT TREATMENT OF A MANGANESE STEEL PRODUCT AND MANGANESE STEEL PRODUCT

Title (de)

VERFAHREN ZUM WÄRMEBEHANDELN EINES MANGAN-STAHLPRODUKTS UND MANGAN-STAHLPRODUKT

Title (fr)

PROCÉDÉ DE TRAITEMENT THERMIQUE D'UN PRODUIT EN ACIER AU MANGANÈSE ET PRODUIT EN ACIER AU MANGANÈSE

Publication

EP 2935635 B1 20220928 (DE)

Application

EP 13830148 A 20131220

Priority

- EP 12198817 A 20121221
- EP 2013003898 W 20131220
- EP 13830148 A 20131220

Abstract (en)

[origin: EP2746409A1] Method for heat treating manganese steel product involves annealing a steel product at primary holding temperature of more than 780[deg] C for a period of time, cooling, then annealing at secondary holding temperature of 630-660[deg] C for period of time, and cooling. The alloy of manganese steel product contains 0.09-0.15 wt.% carbon and 3.5-10 wt.% manganese. An independent claim is included for manganese steel product.

IPC 8 full level

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CPC (source: EP US)

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