Title (en)

REGULATED HEAT TREATMENT OF FOIL

Title (de)

GEREGELTE FOLIENWÄRMEBEHANDLUNG

Title (fr)

TRAITEMENT THERMIQUE RÉGULÉ DE FEUILLE

Publication

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Application

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Abstract (en)

[origin: WO2021094432A1] The invention relates to a method for the heat treatment of metal strip or foils in the form of strip coils or foil coils in a heat treatment furnace for removing rolling residue. The problem of providing a method for the heat treatment of metal strip or foils in the form of strip coils or foil coils in a heat treatment furnace for removing rolling residue, with which high-quality metal products can be provided in a process-stable and low-cost manner and the ratio of rejects of metal strip and foils can be reduced, is solved by determining, during the performance of the heat treatment, the content of at least one evaporation and/or oxidation product in the furnace atmosphere and/or in the process exhaust gas, and using said determination for process control or regulation of the heat treatment, wherein the dynamics of the removal of rolling residue on the metal strip or foils are controlled or regulated during the heat treatment. The invention further relates to a device for the heat treatment of metal strip or foils for carrying out the method according to the invention.

IPC 8 full level

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