

Title (en)  
METHOD FOR PRODUCING AN IMPROVED ELECTRICAL STEEL STRIP

Title (de)  
VERFAHREN ZUM HERSTELLEN EINES VERBESSERTEN ELEKTROBANDES

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN FEUILLARD MAGNÉTIQUE AMÉLIORÉ

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Application  
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Abstract (en)  
[origin: WO2010066497A1] The invention relates to a method for producing an electrical steel strip, particularly an iron oxide coated steel strip for use as magnetic steel sheet for the electronics industry, wherein the steel plate strip is fed to a sealed treatment chamber in a continuous process, wherein the electrical steel strip is introduced into the treatment chamber at a temperature of 450 °C to 550 °C and there loaded with compressed air and an oxygen concentration between 0.05% and 0.2% oxygen, measured in the total furnace space atmosphere, wherein the dew point of water is adjusted to below -100 °C and the furnace space atmosphere is reducing. The invention also relates to the electrical plate and to the use thereof.

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