

Title (en)  
METHOD AND DEVICE FOR MANUFACTURING STEAM-TREATED PRODUCT

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES DAMPFBEHANDELTEN PRODUKTS

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE FABRICATION DE PRODUIT TRAITÉ À LA VAPEUR

Publication  
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Application  
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Abstract (en)  
[origin: EP3608437A1] The present invention enables quick cooling of steam-treated objects and thus reduces the manufacturing time of steam-treated products such as black coated steel sheets. The present invention provides a method for manufacturing steam-treated products, which involves a steam treatment step that introduces steam into a closed container (10) containing a treatment object (1) and brings the treatment object (1) into contact with the steam, and a treated object cooling step that cools the object (1) treated with steam in the steam treatment step, wherein said treated object cooling step introduces coolant gas into said closed container (10), brings said treated object (1) into contact with the coolant gas, and discharges the introduced coolant gas from said closed container (10).

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Citation (search report)  
• [E] EP 3425081 A1 20190109 - NISSHIN STEEL CO LTD [JP]  
• [E] EP 3572552 A1 20191127 - NIPPON STEEL NISSHIN CO LTD [JP]  
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• [A] EP 2843082 A1 20150304 - NISSHIN STEEL CO LTD [JP]  
• [A] JP S63277749 A 19881115 - MITSUBISHI ELECTRIC CORP  
• See references of WO 2018181685A1

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