

Title (en)

METHOD FOR PRODUCING STEEL MATERIAL, APPARATUS FOR COOLING STEEL MATERIAL, AND STEEL MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON STAHLMATERIAL, VORRICHTUNG ZUM KÜHLEN VON STAHLMATERIAL UND STAHLMATERIAL

Title (fr)

PROCÉDÉ POUR LA PRODUCTION DE MATÉRIAU EN ACIER, APPAREIL POUR LE REFROIDISSEMENT DE MATÉRIAU EN ACIER ET MATÉRIAU EN ACIER

Publication

**EP 3296409 A4 20180530 (EN)**

Application

**EP 16792616 A 20160502**

Priority

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Abstract (en)

[origin: EP3296409A1] In the present invention, when a cooling apparatus (2) having a plurality of cooling sections (head section-cooling headers (21a) to (21c), and a foot section-cooling header (22)) disposed side by side in the longitudinal direction of the steel material cools a steel material hot worked or cooled/reheated, the steel material is conveyed at the conveyance distance  $L_o$  (m) satisfying Equation (1), in the longitudinal direction of the steel material, in the cooling apparatus (2). In Equation (1),  $L_o$  represents the conveyance distance (m) of the steel material,  $m$  represents a natural number, and  $L_h$  represents the length (m) of the cooling sections in the longitudinal direction of the steel material.  $m \geq 0.20 \times L_h$

IPC 8 full level

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Citation (search report)

- [X] US 2015021836 A1 20150122 - YOSHIDA YOSHIKAZU [JP], et al
- [X] EP 0186373 A2 19860702 - NIPPON STEEL CORP [JP]
- See references of WO 2016181891A1

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