

Title (en)  
COOLING FACILITY AND METHOD

Title (de)  
KÜHLEINRICHTUNG UND -VERFAHREN

Title (fr)  
PROCÉDÉ ET ÉQUIPEMENT DE REFROIDISSEMENT

Publication  
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Application  
**EP 18159076 A 20150710**

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Abstract (en)  
[origin: WO2016012691A1] The invention relates to a method for cooling a sheet ingot made of an aluminium alloy, after the heat treatment for the metallurgical homogenisation of said ingot and before the hot-rolling thereof, characterised in that the cooling, representing a value of between 30 and 150°C, is carried out at a speed of between 150 and 500°C/h, with a homogeneity of less than 40°C over all of the treated part of the ingot. The invention also relates to the facility allowing the implementation of said method and to said implementation.

Abstract (fr)  
L'invention a pour objet un procédé de refroidissement d'un plateau de laminage en alliage d'aluminium, après le traitement thermique d'homogénéisation métallurgique dudit plateau et avant son laminage à chaud, caractérisé en ce que le refroidissement d'une valeur de 30 à 150°C est effectué à une vitesse 150 à 500°C/h, avec une homogénéité de moins de 40°C sur toute la partie traitée du plateau. L'invention a également pour objet l'installation permettant la mise en oeuvre dudit procédé ainsi que ladite mise en oeuvre.

IPC 8 full level  
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Citation (search report)  
• [A] DE 19823790 A1 19991202 - VAW VER ALUMINIUM WERKE AG [DE]  
• [A] EP 2656932 A1 20131030 - SIEMENS AG [DE]  
• [A] JP S60243226 A 19851203 - KAWASAKI STEEL CO

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