

Title (en)

COOLING FACILITY AND METHOD

Title (de)

KÜHLEINRICHTUNG UND -VERFAHREN

Title (fr)

PROCÉDÉ ET ÉQUIPEMENT DE REFROIDISSEMENT

Publication

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Application

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Priority

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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.

IPC 8 full level

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Cited by

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WO 2016012691 A1 20160128; BR 112017000205 A2 20171031; BR 112017000205 B1 20230314; CA 2954711 A1 20160128; CA 2954711 C 20230404; CN 106661648 A 20170510; CN 106661648 B 20200107; DE 15753101 T1 20170727; EP 3171996 A1 20170531; EP 3171996 B1 20180411; EP 3398696 A1 20181107; EP 3398696 B1 20210512; FR 3024058 A1 20160129; FR 3024058 B1 20160715; JP 2017521260 A 20170803; JP 6585155 B2 20191002; KR 102336948 B1 20211209; KR 20170039166 A 20170410; MX 2017000483 A 20170728; RU 2017105464 A 20180827; RU 2017105464 A3 20181129; RU 2676272 C2 20181227; SA 517380746 B1 20210415; TW 201622843 A 20160701; TW I593476 B 20170801; US 10130980 B2 20181120; US 2017189949 A1 20170706; US 2018236514 A1 20180823

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