

Title (en)

LINE SPEED DEPENDENT CONTROL OF A FURNACE FOR HEAT TREATING ALUMINUM ALLOY SHEET

Title (de)

LEITUNGSGESCHWINDIGKEITSABHÄNGIGE STEUERUNG EINES OFENS ZUR WÄRMEBEHANDLUNG VON ALUMINIUMLEGIERUNGSBLECH

Title (fr)

COMMANDE EN FONCTION DE LA VITESSE DE LIGNE D'UN FOUR POUR LE TRAITEMENT THERMIQUE D'UNE FEUILLE D'ALLIAGE D'ALUMINIUM

Publication

EP 3959346 B1 20230412 (EN)

Application

EP 20717682 A 20200415

Priority

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Abstract (en)

[origin: WO2020216653A1] A method for controlling continuous heat treating and annealing of heat-treatable and non-heat-treatable aluminum alloy sheet at final thickness continuously moving in a floating state horizontally through a continuous convection floating furnace arranged to heat the moving aluminum sheet to a set peak metal temperature. The controlling including controlling fan speeds and furnace air temperature to accommodate variations in line speed of the aluminum alloy sheet continuously moving in the floating state horizontally through the continuous convection floating furnace

IPC 8 full level

C21D 1/26 (2006.01); **C21D 9/46** (2006.01); **C21D 11/00** (2006.01); **C22F 1/00** (2006.01); **C22F 1/04** (2006.01); **C22F 1/047** (2006.01); **C22F 1/053** (2006.01)

CPC (source: EP US)

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