

Title (en)

METHOD AND INSTALLATION FOR PRODUCING ALUMINUM CAN SHEET

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON ALUMINIUMDOSENBLECH

Title (fr)

PROCÉDÉ ET INSTALLATION DE PRODUCTION DE FEUILLE DE CANETTE D'ALUMINIUM

Publication

EP 3956489 A1 20220223 (EN)

Application

EP 21708225 A 20210301

Priority

- EP 20160733 A 20200303
- EP 2021054999 W 20210301

Abstract (en)

[origin: EP3875629A1] A method for producing aluminum can sheet comprises the following steps: providing a body made of an aluminum alloy; heating the body to a homogenization temperature; hot rolling said body in a hot rolling mill to produce a hot rolled sheet, said hot rolled sheet exiting the hot rolling mill at a hot rolling exit temperature with a hot mill exit gauge, wherein the hot rolling exit temperature is selected to substantially avoid recrystallization of the hot rolled sheet; cold rolling the hot rolled sheet in a cold rolling mill to apply a cold reduction to produce a cold rolled sheet with a cold mill exit gauge smaller than the hot mill exit gauge; annealing the cold rolled sheet in an intermediate temperature range selected to allow recrystallization of the cold rolled sheet to obtain a recrystallized annealed sheet; cold rolling the recrystallized annealed sheet to apply a cold reduction to produce a cold rolled sheet with a final gauge.

IPC 8 full level

C22F 1/04 (2006.01)

CPC (source: EP KR US)

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