

Title (en)

METHOD FOR PRODUCING ALUMINUM CAN SHEET

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ALUMINIUMDOSENBLECH

Title (fr)

PROCÉDÉ POUR LA PRODUCTION D'UNE TÔLE DE BOÎTE D'ALUMINIUM

Publication

**EP 3956489 B1 20230809 (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)

**C21D 8/0226** (2013.01 - KR US); **C21D 8/0236** (2013.01 - KR US); **C21D 8/0273** (2013.01 - KR US); **C22C 21/06** (2013.01 - KR US); **C22F 1/04** (2013.01 - EP); **C22F 1/047** (2013.01 - KR US)

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