

Title (en)

LOW GAUGE, LEVELLED CAN BODY STOCK AND METHODS OF MAKING THE SAME

Title (de)

EBENER DOSENKÖRPER MIT NIEDRIGER DICKE UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

TÔLE DE CORPS DE BOÎTE ÉGALISÉE À JAUGE BASSE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 3802896 A1 20210414 (EN)

Application

EP 19731106 A 20190531

Priority

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- US 2019034906 W 20190531

Abstract (en)

[origin: US2019368020A1] Described herein are levelled and degreased aluminum alloys with a reduced gauge for can body stock production. The aluminum alloys exhibit improved formability. Also described herein are methods for processing the aluminum alloys to produce beverage can bodies. The aluminum alloys and sheets described herein are suitable for manufacturing cups and beverage can bodies at high production rates.

IPC 8 full level

C22C 21/08 (2006.01); **C22C 21/00** (2006.01); **C22F 1/04** (2006.01); **C22F 1/047** (2006.01)

CPC (source: EP KR US)

B22D 21/007 (2013.01 - KR US); **C22C 21/00** (2013.01 - EP); **C22C 21/08** (2013.01 - EP KR US); **C22F 1/04** (2013.01 - EP); **C22F 1/047** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2019232374A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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US 201916428137 A 20190531; AU 2019277664 A 20190531; BR 112020024490 A 20190531; CA 3101809 A 20190531; EP 19731106 A 20190531; JP 2020567016 A 20190531; JP 2023003285 A 20230112; KR 20207037518 A 20190531; US 2019034906 W 20190531