

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

- US 201862679222 P 20180601
- 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

Cited by

WO2019232374A1

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BA ME

DOCDB simple family (publication)

**US 2019368020 A1 20191205**; AU 2019277664 A1 20210107; BR 112020024490 A2 20210302; CA 3101809 A1 20191205; EP 3802896 A1 20210414; JP 2021524888 A 20210916; JP 2023055724 A 20230418; KR 20210014676 A 20210209; WO 2019232374 A1 20191205

DOCDB simple family (application)

**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