

Title (en)

CONVERSION COATING FOR CANS CONTAINING HYDROGEN SULFIDE PRODUCING LIQUIDS

Title (de)

KONVERSIONSBESCHICHTUNG FÜR SCHWEFELWASSERSTOFF PRODUZIERENDE FLÜSSIGKEITEN ENTHALTENDE DOSEN

Title (fr)

REVÊTEMENT DE CONVERSION POUR CANETTES CONTENANT DES LIQUIDES PRODUISANT DU SULFURE D'HYDROGÈNE

Publication

EP 4127263 A1 20230208 (EN)

Application

EP 21717743 A 20210323

Priority

- US 202062994080 P 20200324
- US 2021023783 W 20210323

Abstract (en)

[origin: WO2021195152A1] This disclosure relates to use of a conversion coating for reduction or prevention of hydrogen sulfide production in cans holding hydrogen sulfide producing liquids, such as wine. This disclosure also relates to metal cans comprising a conversion coating layer deposited on at least a portion of the inside surface of the metal can, a film-forming layer deposited on such conversion coating layer, and a hydrogen sulfide producing liquid deposited inside the metal can.

IPC 8 full level

C23C 22/36 (2006.01)

CPC (source: EP US)

C23C 22/30 (2013.01 - US); **C23C 22/36** (2013.01 - EP); **C23C 22/361** (2013.01 - EP US); **C23C 22/40** (2013.01 - EP US); **C23C 22/42** (2013.01 - EP); **C23C 22/82** (2013.01 - US)

Citation (search report)

See references of WO 2021195152A1

Designated contracting state (EPC)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021195152 A1 20210930; CN 115315540 A 20221108; EP 4127263 A1 20230208; US 2023107608 A1 20230406

DOCDB simple family (application)

US 2021023783 W 20210323; CN 202180022086 A 20210323; EP 21717743 A 20210323; US 202117907105 A 20210323