

Title (en)

MULTI-LAYERED ROLLER WITH HIGH CORROSION RESISTANCE

Title (de)

MEHRSCICHTIGE WALZE MIT HOHER KORROSIONSBESTÄNDIGKEIT

Title (fr)

ROULEAU MULTICOUCHE À HAUTE RÉSISTANCE À LA CORROSION

Publication

EP 4126417 A1 20230208 (EN)

Application

EP 20927761 A 20200329

Priority

- TR 202004781 A 20200326
- TR 2020050249 W 20200329

Abstract (en)

[origin: WO2021194437A1] The present invention relates to a multi-layered roller structure which includes an intermediate layer for that the inner layer adapts to the high chromium containing composition of the outer layer for high corrosion resistance, and rolls material compositions thereof.

IPC 8 full level

B22D 13/02 (2006.01); **B21B 27/02** (2006.01); **B32B 15/01** (2006.01)

CPC (source: EP)

B22D 13/02 (2013.01); **B22D 19/00** (2013.01); **B32B 15/011** (2013.01); **C22C 37/04** (2013.01); **C22C 37/06** (2013.01); **C22C 38/18** (2013.01); **B21B 27/03** (2013.01); **C21D 2211/003** (2013.01); **C21D 2211/006** (2013.01)

Citation (search report)

See references of WO 2021194437A1

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 2021194437 A1 20210930; EP 4126417 A1 20230208; TR 202004781 A1 20211021

DOCDB simple family (application)

TR 2020050249 W 20200329; EP 20927761 A 20200329; TR 202004781 A 20200326