

Title (en)

ROLLER CLEANING METHOD AND ROLLER CLEANING MACHINE

Title (de)

WALZENREINIGUNGSVERFAHREN UND WALZENREINIGUNGSVORRICHTUNG

Title (fr)

PROCÉDÉ DE NETTOYAGE DE ROULEAUX ET DISPOSITIF DE NETTOYAGE DE ROULEAUX

Publication

**EP 3774098 A2 20210217 (DE)**

Application

**EP 19713043 A 20190327**

Priority

- EP 18164316 A 20180327
- EP 2019057728 W 20190327

Abstract (en)

[origin: WO2019185720A2] The invention relates to a method for cleaning rollers used for metal strip processing. According to said method, the roller surface is cleaned by means of an aqueous alkali metal hydroxide or alkaline earth metal hydroxide washing liquid or an acidic washing liquid, the washing liquid is removed and the roller surface is dried. A machine for cleaning rollers (1) comprises a washing frame (10) designed for positioning a roller (1) to be cleaned, and at least one means (6, 7, 14) for applying at least one washing solution to the roller surface of the roller (1) to be cleaned.

IPC 8 full level

**B21B 28/04** (2006.01)

CPC (source: EP US)

**B08B 1/12** (2024.01 - US); **B08B 3/08** (2013.01 - US); **B08B 7/04** (2013.01 - US); **B08B 13/00** (2013.01 - US); **B21B 28/04** (2013.01 - EP); **B21B 45/0275** (2013.01 - US)

Citation (search report)

See references of WO 2019185720A2

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

DOCDB simple family (publication)

**EP 3546080 A1 20191002**; **EP 3546080 B1 20241113**; CN 111971129 A 20201120; CN 111971129 B 20211224; EP 3774098 A2 20210217; JP 2021510634 A 20210430; JP 6932858 B2 20210908; US 11945008 B2 20240402; US 2021008605 A1 20210114; WO 2019185720 A2 20191003; WO 2019185720 A3 20191121

DOCDB simple family (application)

**EP 18164316 A 20180327**; CN 201980022717 A 20190327; EP 19713043 A 20190327; EP 2019057728 W 20190327; JP 2020551539 A 20190327; US 202017032870 A 20200925