Title (en)

Surface treatment system

Title (de)

Oberflächenbehandlungsanlage

Title (fr)

Installation de traitement de surface

Publication

EP 2774694 B1 20171220 (DE)

Application

EP 14000818 A 20140307

Priority

DE 202013002267 U 20130308

Abstract (en)

[origin: EP2774694A1] Surface treatment system comprises a supply station (4), a pretreatment device (5) for carrying out aqueous pretreatment of parts to be coated, and a transporting device (2), which transports the parts to be coated (3) from the supply station through the pre-treatment device to a coating apparatus (1). The pretreatment device comprises a multiple of parallel-connected pretreatment chambers, where the transporting device in front of the pretreatment device divides into at least two transport routes respectively leading to different parallel pretreatment chambers.

IPC 8 full level

B05B 13/02 (2006.01); **B08B 3/02** (2006.01); **B08B 3/04** (2006.01); **C23C 22/00** (2006.01); **C23G 3/00** (2006.01); B05B 15/12 (2006.01); B05D 3/02 (2006.01); B05D 3/10 (2006.01); B05D 7/14 (2006.01)

CPC (source: EP)

B05B 13/02 (2013.01); **B08B 3/022** (2013.01); **B08B 3/04** (2013.01); **C23C 22/00** (2013.01); **C23G 3/00** (2013.01); B05B 16/20 (2018.01); B05D 3/0218 (2013.01); B05D 3/102 (2013.01); B05D 7/14 (2013.01)

Citation (examination)

HERBERT UTZ ET AL: "Stefan Müller Methodik für die entwicklungs- und planungsbegleitende Generierung und Bewertung von Produktionsalternativen", 1 January 2008 (2008-01-01), XP055379946, Retrieved from the Internet <URL:https://www.utzverlag.de/assets/pdf/40750les.pdf> [retrieved on 20170609]

Cited by

CN113457902A; CN110180726A

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

DOCDB simple family (publication)

DE 202013002267 U1 20130327; EP 2774694 A1 20140910; EP 2774694 B1 20171220; PL 2774694 T3 20180530; RU 150063 U1 20150127

DOCDB simple family (application)

DE 202013002267 U 20130308; EP 14000818 A 20140307; PL 14000818 T 20140307; RU 2014109018 U 20140307