Title (en)

CLEANING DEVICE FOR DRAFTING ROLLER

Title (de)

REINIGUNGSVORRICHTUNG FÜR STRECKWALZE

Title (fr)

DISPOSITIF DE NETTOYAGE POUR ROULEAU D'ÉTIRAGE

Publication

EP 3260585 B1 20190821 (EN)

Application

EP 17176773 A 20170620

Priority

JP 2016125537 A 20160624

Abstract (en)

[origin: EP3260585A1] A cleaning device (100) for a drafting roller (14a, 14b, 15a, 15b, 17a, 17b) includes a scraper (150; 150A; 150B) extending along a width direction of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b) and contacting an outer circumferential surface of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b). The scraper (150; 150A; 150B) is provided with, at an end portion on an upstream side in a rotational direction of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b), a scraper edge portion (152) contacting the outer circumferential surface of the drafting roller. An angle (±) being formed by a tangent-line upstream portion (L) that is on a tangent line of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b) passing a contact point (T) with the scraper edge portion (152) and extends from the contact point (T) toward the upstream side of the rotational direction of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b), and by an upstream-side outer surface (152a) that is in an outer surface of the scraper edge portion (152) and is a surface facing the upstream side in the rotational direction of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b), when viewed along an axial direction of the drafting roller (14a, 14b, 15a, 15b, 17a, 17b), is an obtuse angle.

IPC 8 full level

D01H 5/62 (2006.01)

CPC (source: EP)

D01H 5/625 (2013.01)

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)

EP 3260585 A1 20171227; **EP 3260585 B1 20190821**; CN 107541819 A 20180105; CN 107541819 B 20220301; JP 2017226940 A 20171228

DOCDB simple family (application)

EP 17176773 A 20170620; CN 201710463014 A 20170619; JP 2016125537 A 20160624