

Title (en)

SCRAPER DEVICE AND METHOD FOR DETERMINING THE CONTACT PRESSURE OF A SCRAPER

Title (de)

SCHABVORRICHTUNG UND VERFAHREN ZUR ERMITTlung DES ANPRESSDRUCKS EINES SCHABERS

Title (fr)

DISPOSITIF DE RACLAGE ET PROCÉDÉ POUR LA DÉTERMINATION DE LA PRESSION D'APPUI D'UN RACLOIR

Publication

EP 3994308 A1 20220511 (DE)

Application

EP 20737368 A 20200624

Priority

- DE 102019117901 A 20190703
- EP 2020067616 W 20200624

Abstract (en)

[origin: WO2021001226A1] The invention relates to a scraper device, associated with a contact surface, in particular a rotating roller (12), said scraper device having a scraper (11), provided for placement against the roller (12), for bringing the scraper (11) into contact with the roller (12) by means of a pressurized fluid, and having at least one sensor (13) provided on the scraper (11), by means of which sensor a measured value for the contact pressure of the scraper can be generated when said scraper (11) is placed against the roller (12). There is a control unit which controls the speed at which the scraper can be placed against the contact surface, in particular the roller (12).

IPC 8 full level

D21G 3/00 (2006.01)

CPC (source: CN EP US)

B41F 31/04 (2013.01 - CN); **B41F 33/0009** (2013.01 - CN); **D21G 3/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2021001226A1

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)

DE 102019117901 A1 20210107; CN 114051455 A 20220215; CN 114051455 B 20230704; EP 3994308 A1 20220511;
US 2022356647 A1 20221110; WO 2021001226 A1 20210107

DOCDB simple family (application)

DE 102019117901 A 20190703; CN 202080047935 A 20200624; EP 2020067616 W 20200624; EP 20737368 A 20200624;
US 202017624402 A 20200624