

Title (en)

SHEET-PROCESSING MACHINE AND METHOD FOR INSPECTING A SHEET

Title (de)

BOGENBEARBEITUNGSMASCHINE UND VERFAHREN ZUR INSPEKTION EINES BOGENS

Title (fr)

MACHINE DE TRAITEMENT DE FEUILLE ET PROCÉDÉ POUR INSPECTER UNE FEUILLE

Publication

EP 3959078 A1 20220302 (DE)

Application

EP 20710905 A 20200311

Priority

- EP 2020056486 W 20200311
- DE 102019110853 A 20190426

Abstract (en)

[origin: WO2020216521A1] The invention relates to a sheet-processing machine (01) having a shaping device (900) for processing sheets (02). The shaping device (900) has at least one shaping point (909). The sheet-processing machine (01) comprises at least one separating device (903). The at least one separating device (903) is designed to remove at least one remaining piece (1102A) from at least one sheet (02) of the sheets (02). The at least one separating device (903) is arranged downstream of the at least one shaping point (909) along a transport path provided for transporting the sheets (02). At least one inspection device (916) is designed, downstream of the separating device (903) in the transport direction (T) of the sheets (02), to determine an actual state of the at least one sheet (02) of the sheets (02). The invention additionally relates to a method for inspecting at least one remaining part of at least one sheet (02) of sheets, which part has been processed by a shaping device (900), and to a method for inspecting at least one sheet (02) of sheets.

IPC 8 full level

B41F 19/00 (2006.01); **B26F 1/00** (2006.01); **B26F 1/02** (2006.01); **B26F 1/10** (2006.01); **B26F 1/38** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B26D 5/007 (2013.01 - EP US); **B26F 1/0092** (2013.01 - EP US); **B26F 1/10** (2013.01 - EP US); **B26F 1/38** (2013.01 - EP US); **B41F 19/008** (2013.01 - EP US); **B41F 33/00** (2013.01 - EP); **B41F 33/16** (2013.01 - US)

Citation (search report)

See references of WO 2020216521A1

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)

WO 2020216521 A1 20201029; CN 113748022 A 20211203; CN 113748022 B 20220726; DE 102019110853 A1 20201029; DE 102019110853 B4 20220512; EP 3959078 A1 20220302; EP 3959078 B1 20230125; JP 2022525242 A 20220511; JP 7271716 B2 20230511; US 11597200 B2 20230307; US 2022143967 A1 20220512

DOCDB simple family (application)

EP 2020056486 W 20200311; CN 202080031533 A 20200311; DE 102019110853 A 20190426; EP 20710905 A 20200311; JP 2021563412 A 20200311; US 202017606210 A 20200311