

Title (en)
BELT FINISHING DEVICE

Title (de)
BANDFINISHVORRICHTUNG

Title (fr)
DIPSOSITIF DE FINITION PAR COURROIE

Publication
EP 3294494 A1 20180321 (DE)

Application
EP 17714442 A 20170330

Priority
• DE 102016107965 A 20160429
• EP 2017057510 W 20170330

Abstract (en)
[origin: WO2017186446A1] The invention relates to a belt finishing device (10) comprising a guiding device (28) for guiding a finishing belt (24), a rotational drive (14) for rotating a workpiece (18) to be finished about the workpiece axis (20), and an oscillating drive (16), by means of which the finishing belt (24) and the workpiece (18) can be driven in an oscillating manner relative to each other in a direction parallel to the workpiece axis (20). A finishing belt store (26) is provided for the finishing belt (24), and the finishing belt (24) can be fed from the store to a working region (30) and from there to a collecting region (32). The collecting region (32) is equipped with a separating device (34) for separating finishing belt sections, said separating device having at least one motor-driven separating element (50, 52).

IPC 8 full level
B24B 21/00 (2006.01); **B24B 5/42** (2006.01); **B24B 21/02** (2006.01); **B24B 21/18** (2006.01); **B24D 15/02** (2006.01); **B26D 1/00** (2006.01)

CPC (source: EP KR)
B24B 5/42 (2013.01 - EP KR); **B24B 21/004** (2013.01 - EP KR); **B24B 21/02** (2013.01 - EP KR); **B24B 21/18** (2013.01 - EP KR);
B24D 15/026 (2013.01 - EP KR); **B26D 1/245** (2013.01 - EP KR); **B26D 2001/0046** (2013.01 - EP KR)

Citation (search report)
See references of WO 2017186446A1

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 2017186446 A1 20171102; CN 109153103 A 20190104; CN 109153103 B 20191224; DE 102016107965 A1 20171102;
EP 3294494 A1 20180321; EP 3294494 B1 20190102; EP 3294494 B2 20210310; KR 102186634 B1 20201204; KR 20190002445 A 20190108

DOCDB simple family (application)
EP 2017057510 W 20170330; CN 201780025732 A 20170330; DE 102016107965 A 20160429; EP 17714442 A 20170330;
KR 20187029108 A 20170330