

Title (en)
UNIT FOR CUTTING A CONTINUOUS WEB INTO PARALLEL STRIPS

Title (de)
EINHEIT ZUM SCHNEIDEN EINER KONTINUIERLICHEN BAHN IN PARALLELEN STREIFEN

Title (fr)
DISPOSITIF DE DÉCOUPE D'UNE BANDE CONTINUE EN BANDES PARALLÈLES

Publication
EP 3915740 A1 20211201 (EN)

Application
EP 21175761 A 20210525

Priority
IT 202000012481 A 20200527

Abstract (en)
A unit (1) for cutting a continuous web into parallel strips, comprising a first and a second roller (2a, 2b) between which a continuous web is fed and each of which is provided with a succession of circumferential protrusions and recesses alternated with each other along the axis of rotation (X, Y) of the roller (2a, 2b). The rollers (2a, 2b) are coupled to each other so that the protrusions of one roller (2a) are at least partly inserted into the recesses of the other roller (2b) and vice versa, so that the rollers (2a, 2b) cut the continuous web along parallel longitudinal lines. The unit (1) is characterized in that it also comprises cleaning means configured to promote removal of particles of material released in the recesses by the web during cutting.

IPC 8 full level
B26D 1/24 (2006.01); **B26D 7/18** (2006.01)

CPC (source: EP)
B26D 1/245 (2013.01); **B26D 7/1863** (2013.01); **A24D 3/06** (2013.01); **B26D 7/265** (2013.01)

Citation (search report)
• [A] EP 1344578 A2 20030917 - HEIDELBERGER DRUCKMASCH AG [DE]
• [A] US 5025814 A 19910625 - RAKER MARK L [US]
• [A] DE 444041 C 19270518 - GEORG SPIESS

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)
EP 3915740 A1 20211201; **EP 3915740 B1 20230125**; EP 3915741 A1 20211201; PL 3915740 T3 20230508

DOCDB simple family (application)
EP 21175761 A 20210525; EP 21176060 A 20210526; PL 21175761 T 20210525