

Title (en)  
CRIMPING UNIT

Title (de)  
CRIMPEINHEIT

Title (fr)  
UNITÉ DE SERTISSAGE

Publication  
**EP 3473113 A1 20190424 (EN)**

Application  
**EP 18200863 A 20181017**

Priority  
IT 201700117799 A 20171018

Abstract (en)  
This invention relates to a crimping unit for crimping a web (100) of material used to make tobacco industry products, comprising: - a feed station (10) provided with feed means (11) for feeding a web of material (100) used to make tobacco industry products; - a crimping station (20) which comprises a first crimping roller (21) and a second crimping roller (22) operatively coupled to make a plurality of longitudinal easy folding lines on the web (100) in transit between the two crimping rollers (21, 22). The crimping station (20) also comprises a supporting element (23) for supporting the crimping rollers (21, 22) and configured to adopt variable position and/or orientation in such a way as to vary the orientation of the web (100) being fed to the crimping rollers (21, 22).

IPC 8 full level  
**A24B 3/14** (2006.01); **A24C 5/01** (2020.01); **A24D 3/02** (2006.01)

CPC (source: EP US)  
**A24B 3/14** (2013.01 - EP US); **A24C 5/01** (2020.01 - EP US); **A24D 3/0204** (2013.01 - EP)

Citation (applicant)  
WO 2016071267 A1 20160512 - PHILIP MORRIS PRODUCTS SA [CH]

Citation (search report)  
• [A] WO 2016023965 A1 20160218 - PHILIP MORRIS PRODUCTS SA [CH]  
• [A] GB 1124434 A 19680821 - CELFIL CO  
• [A] US 5733234 A 19980331 - GREINER CHRISTOPH [DE], et al  
• [E] WO 2018197353 A1 20181101 - PHILIP MORRIS PRODUCTS SA [CH]

Cited by  
IT201800009871A1; JP2021533741A; US11918029B2; WO2020038869A1

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 3473113 A1 20190424; EP 3473113 B1 20210317**; IT 201700117799 A1 20190418; PL 3473113 T3 20211011

DOCDB simple family (application)  
**EP 18200863 A 20181017**; IT 201700117799 A 20171018; PL 18200863 T 20181017