

Title (en)  
MACHINE FOR PRODUCING OPEN BOWS AND A PACKAGING ARTICLE COMPRISING SAID BOW

Title (de)  
MASCHINE ZUR HERSTELLUNG VON OFFENEN ZIERSCHLEIFEN UND VERPACKUNGSARTIKEL MIT DIESER ZIERSCHLEIFE

Title (fr)  
MACHINE DE PRODUCTION DE BOUCLES OUVERTES DÉCORATIVES ET UN ARTICLE D'EMBALLAGE COMPRENANT LADITE BOUCLE DÉCORATIVE

Publication  
**EP 3241935 A1 20171108 (EN)**

Application  
**EP 17169152 A 20170502**

Priority  
IT UA20163083 A 20160502

Abstract (en)  
"A machine for producing open bows (100) comprising a fixed clamp (30) designed to clamp the ends of two ribbons (11, 12), each wound in a respective spool (1, 2). The machine for producing open bows (100) also comprises two respective gluing material dispensing devices (40)(45). The machine for producing open bows (100) also comprises a movable carriage (20) on which a respective movable clamp (21) is fixed, the combination of translation movements (F3) along a first longitudinal direction (X) of the movable carriage (20) and rotations (R) of the movable clamp (21) around a respective rotation axis (AX3) integral with said movable carriage (20) is suited to create, on the ribbons (11, 12), joining lines ((GNT1), GNT2), (GNT3), (GNT4)) on which the gluing material is applied, when needed, by the dispensing device (40) so as to create the eyelets ((AS1), (AS2)) and the respective loops ((ANS1), (ANS2), (ANS3), (ANS4)) to obtain a complete bow (FCC). The loops ((ANS1), (ANS2), (ANS3), (ANS4)) are manufactured by compressing and gluing at least two joining lines ((GNT1), GNT2), (GNT3))."

IPC 8 full level  
**D04D 11/00** (2006.01); **D04D 7/10** (2006.01)

CPC (source: EP)  
**D04D 7/10** (2013.01); **D04D 11/00** (2013.01)

Citation (search report)  
• [XA] US 5072865 A 19911217 - LYONS JEFFREY [US]  
• [X] US 4948636 A 19900814 - LYONS JEFFREY [US]  
• [XA] US 3790041 A 19740205 - PEARSON W, et al

Cited by  
CN111254579A

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 3241935 A1 20171108**; IT UA20163083 A1 20171102

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